

MAX-DA69

DVD MINI COMPONENT SYSTEM  
WITH USB HOST

DVD/CD/MP3-CD/CD-R/RW PLAYBACK  
user manual



AH68-02109K

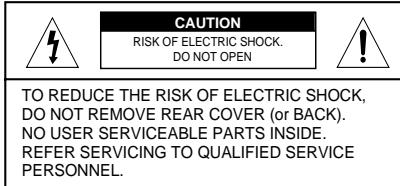
imagine the possibilities

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please register your product at  
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# Safety Warnings

# Precautions



TO REDUCE THE RISK OF ELECTRIC SHOCK,  
DO NOT REMOVE REAR COVER (or BACK).  
NO USER SERVICEABLE PARTS INSIDE.  
REFER SERVICING TO QUALIFIED SERVICE  
PERSONNEL.

**CLASS 1 LASER PRODUCT**  
**KLASSE 1 LASER PRODUKT**  
**LUOKAN 1 LASER LAITE**  
**KLASS 1 LASER APPARAT**  
**PRODUCTO LASER CLASE 1**



This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

## CLASS 1 LASER PRODUCT

This Compact Disc player is classified as a CLASS 1 LASER product.

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION : INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFECTED, AVOID EXPOSURE TO BEAM.

**WARNING** : To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

**CAUTION** : TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

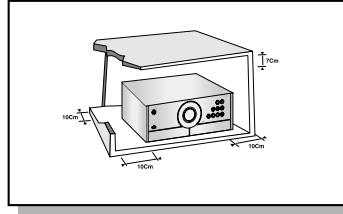
- This apparatus shall always be connected to a AC outlet with a protective grounding connection.
- To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

## CAUTION

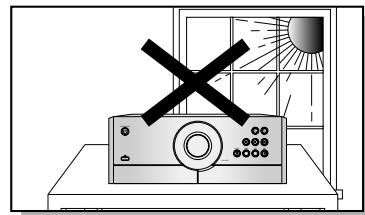
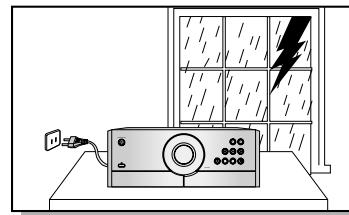
- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- The Mains plug is used as a disconnect device and shall stay readily operable at any time.

## [Saudi Arabian Standards Organisation only]

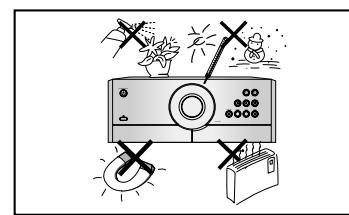
THIS APPLIANCE IS FITTED WITH 220V SASO APPROVED PLUG. THE CUSTOMER IS ENTITLED TO A FREE SASO APPROVED 127V PLUG FROM THE LOCAL DEALER.



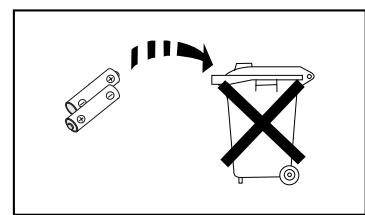
Ensure that the AC power supply in your house complies with the identification sticker located on the back of your player. Install your player horizontally, on a suitable base (furniture), with enough space around it for ventilation (3~4inches). Make sure the ventilation slots are not covered. Do not stack anything on top of the player. Do not place the player on amplifiers or other equipment which may become hot. Before moving the player, ensure the disc insert hole is empty. This player is designed for continuous use. Switching off the DVD player to the stand-by mode does not disconnect the electrical supply. In order to disconnect the player completely from the power supply, remove the main plug from the wall outlet, especially when left unused for a long period of time.



During thunderstorms, disconnect AC main plug from the wall outlet.  
Voltage peaks due to lightning could damage the unit.



Protect the player from moisture(i.e. vases), and excess heat(i.e.fireplace) or equipment creating strong magnetic or electric fields (i.e.speakers...). Disconnect the power cable from the AC supply if the player malfunctions. Your player is not intended for industrial use. Use of this product is for personal use only. Condensation may occur if your player or disc have been stored in cold temperatures. If transporting the player during the winter, wait approximately 2 hours until the unit has reached room temperature before using.



The battery used with this product contain chemicals that are harmful to the environment.  
Do not dispose of batteries in the general household trash.

# Disc Playback

DVD CD MP3

1

Press **◀▶▶** button.

Each time the button is pressed during playback, the playback speed changes as follows:

◀ 2x	▶ 2x
◀ 4x	▶ 4x
◀ 8x	▶ 8x
◀ 32x	▶ 32x
◀ 64x	▶ 64x
◀ 128x	▶ 128x
◀ 256x	▶ 256x
◀ 512x	▶ 512x
◀ 1024x	▶ 1024x
◀ 2048x	▶ 2048x
◀ 4096x	▶ 4096x
◀ 8192x	▶ 8192x
◀ 16384x	▶ 16384x
◀ 32768x	▶ 32768x
◀ 65536x	▶ 65536x
◀ 131072x	▶ 131072x
◀ 262144x	▶ 262144x
◀ 524288x	▶ 524288x
◀ 1048576x	▶ 1048576x
◀ 2097152x	▶ 2097152x
◀ 4194304x	▶ 4194304x
◀ 8388608x	▶ 8388608x
◀ 16777216x	▶ 16777216x
◀ 33554432x	▶ 33554432x
◀ 67108864x	▶ 67108864x
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◀ 268435456x	▶ 268435456x
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◀ 4294967296x	▶ 4294967296x
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◀ 360287970189648x	▶ 360287970189648x
◀ 720575940379296x	▶ 720575940379296x
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◀ 74828883905	



# Notes on Discs



**DVD (Digital Versatile Disc)** offers fantastic audio and video, thanks to Dolby Digital surround sound and MPEG-2 video compression technology. Now you can enjoy these realistic effects in the home, as if you were in a movie theater or concert hall.



DVD players and the discs are coded by region. These regional codes must match in order for the disc to play. If the codes do not match, the disc will not play.

The Region Number for this player is given on the rear panel of the player.  
(Your DVD player will only play DVDs that are labelled with identical region codes.)

## Playable Discs

Disc Type	Mark (Logo)	Recorded Signals	Disc Size	Max. Playing Time
DVD-VIDEO		Audio + Video	12cm	Approx. 240 min. (single-sided) Approx. 480 min. (double-sided)
			8cm	Approx. 80 min. (single-sided) Approx. 160 min. (double-sided)
AUDIO-CD		Audio	12cm	74 min.
			8cm	20 min.
DivX		Audio + Video	12cm	74 min.
			8cm	20 min.



## **Do not use the following types of disc!**



- LD, CD-G, CD-I, CD-ROM and DVD-ROM discs cannot be played on this player.  
If such discs are played, a <WRONG DISC FORMAT> message appears on the TV screen.
- DVD discs purchased abroad may not play on this player.  
If such discs are played, a <CAN'T PLAY THIS DISC PLEASE, CHECK REGION CODE> message appears on the TV screen.

## Copy Protection

- Many DVD discs are encoded with copy protection. Because of this, you should only connect your DVD player directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected DVD discs.
- This product incorporates copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

## Disc Recording Forma

This product does not support Secure (DRM) Media files.

## CD-R Discs

- Some CD-R discs may not be playable depending on the disc recording device (CD-Recorder or PC) and the condition of the disc.
- Use a 650MB/74 minute CD-R disc.  
Do not use CD-R discs over 700MB/80 minute as they may not be playback.
- Some CD-RW (Rewritable) media, may not be playable.
- Only CD-Rs that are properly "closed" can be fully played. If the session is closed but the disc is left open, you may not be able to fully play the disc.

## CD-R MP3 Disc

- Only CD-R discs with MP3 files in ISO 9660 or Joliet format can be played.
- MP3 file names should be 8 characters or less in length and contain no blank spaces or special characters (./=+).
- Use discs recorded with a compression/decompression data rate greater than 128Kbps.
- Only files with the "mp3" and extensions can be played.
- Only a consecutively written multisession disc can be played. If there is a blank segment in the Multisession disc, the disc can be played only up to the blank segment.
- If the disc is not closed, it will take longer to begin playback and not all of the recorded files may be played.
- For files encoded in Variable Bit Rate (VBR) format, i.e. files encoded in both low bit rate and high bit rate (e.g., 32Kbps ~ 320Kbps), the sound may skip during playback.
- A maximum of 500 tracks can be played per CD.
- A maximum of 300 folders can be played per CD.

CD-R JPEG Disc

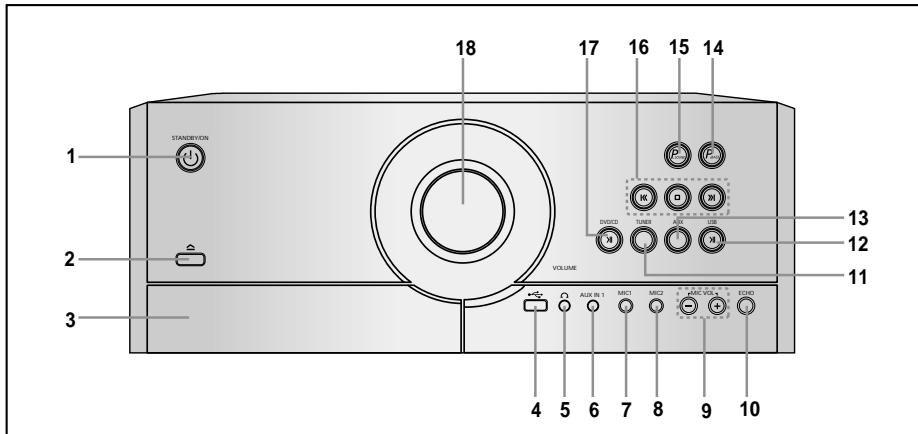
- Only files with the "jpg" extensions can be played.
- If the disc is not closed, it will take longer to start playing and not all of the recorded files may be played.
- Only CD-R discs with JPEG files in ISO 9660 or Joliet format can be played.
- JPEG file names should be 8 characters or less in length and contain no blank spaces or special characters (./ = +).
- Only a consecutively written multisession disc can be played. If there is a blank segment in the multisession disc, the disc can be played only up to the blank segment.
- A maximum of 9,999 images can be stored on a single CD.
- When playing a Kodak/Fuji Picture CD, only the JPEG files in the picture folder can be played.
- Picture discs other than Kodak/Fuji Picture CDs may take longer to start playing or may not play at all.

DVD+R/RW, CD-R/RW DivX Discs

- Since this product only provides encoding formats authorized by DivX Networks, Inc., a DivX file created by the user might not play.
- Software updates for incompatible formats are not supported.  
(Example : QPEL, GMC, resolution higher than 800 x 600 pixels, etc.)
- Sections with a high frame rate might not be played while playing a DivX file.
- For more information about the formats authorized by DivX Networks, Inc., please visit "[www.divxnetworks.net](http://www.divxnetworks.net)"

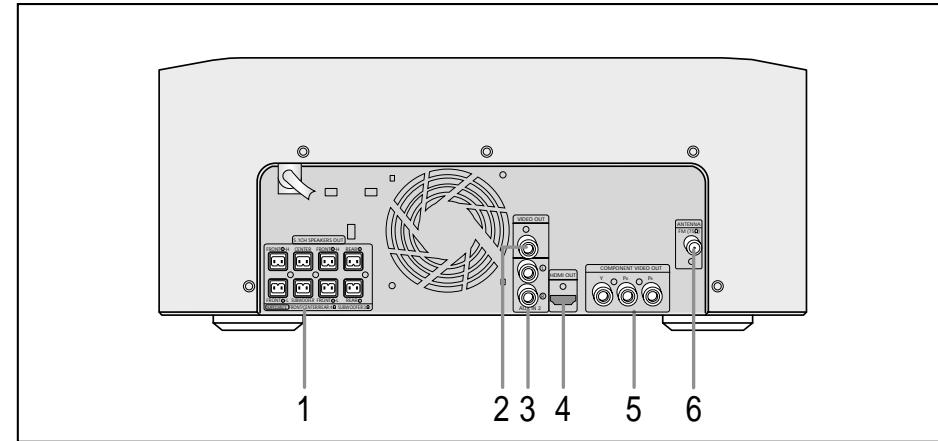
# Description

## —Front Panel—



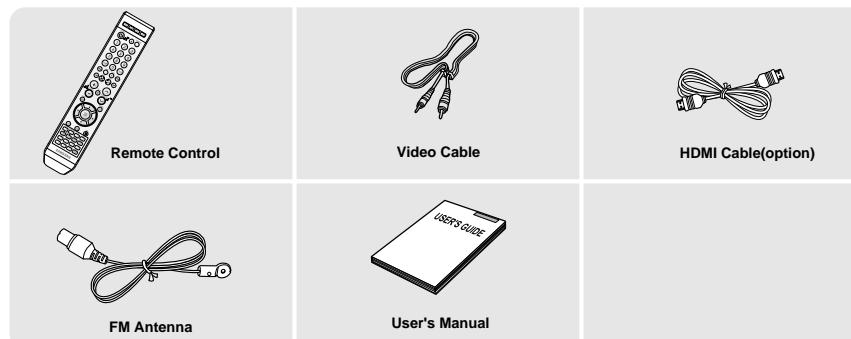
1. STANDBY/ON BUTTON	11. TUNER FUNCTION
2. OPEN/CLOSE BUTTON	12. USB FUNCTION
3. COMPACT DISC COMPARTMENT	13. AUX FUNCTION
4. USB JACK	14. POWER BASS BUTTON
5. HEADPHONE JACK	15. POWER SOUND BUTTON
6. AUX IN 1	16. SEARCH FUNCTION BUTTONS, TUNING MODE OR STOP BUTTON
7. MIC 1	17. DVD/CD FUNCTION
8. MIC 2	18. VOLUME CONTROL
9. MIC VOLUME BUTTON	
10. ECHO BUTTON	

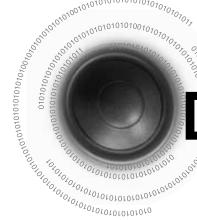
## —Rear Panel—



1. 5.1 Channel Speaker Output Terminals	5. Component Video Output Connectors
2. Video Output Connector	Connect a TV with component video input jacks to these jacks.
3. AUX IN 2 Connector	6. FM Antenna Connector
4. HDMI OUT Connector	

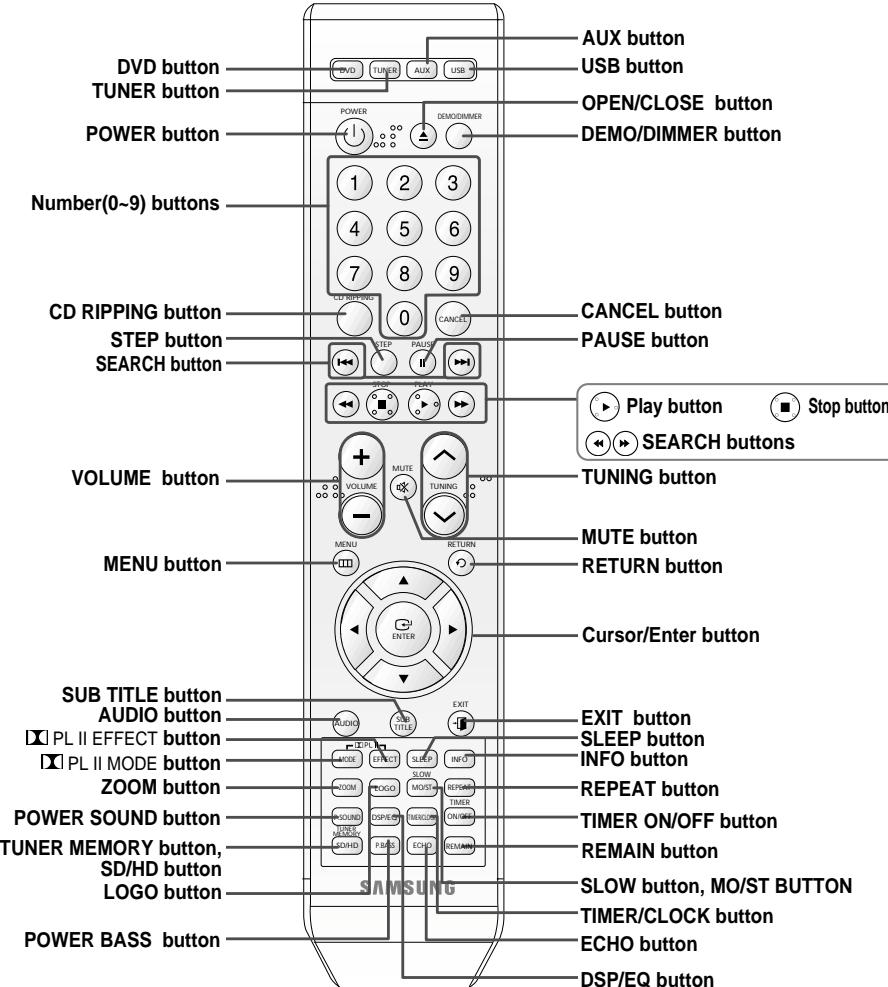
## Accessories





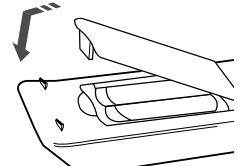
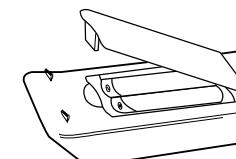
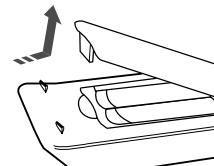
# Description

## —Remote Control—



## Insert Remote Batteries

- 1 Remove the battery cover in the direction of the arrow.
- 2 Insert two 1.5V AAA batteries, paying attention to the correct polarities (+ and -).
- 3 Replace the battery cover.

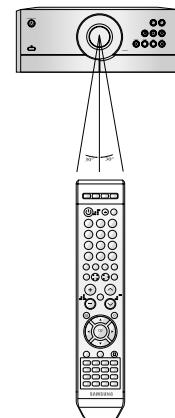


**Caution** Follow these precautions to avoid leaking or cracking cells:

- Place batteries in the remote control so they match the polarity:(+) to (+) and (−) to (−).
- Use the correct type of batteries. Batteries that look similar may differ in voltage.
- Always replace both batteries at the same time.
- Do not expose batteries to heat or flame.

## Range of Operation of the Remote Control

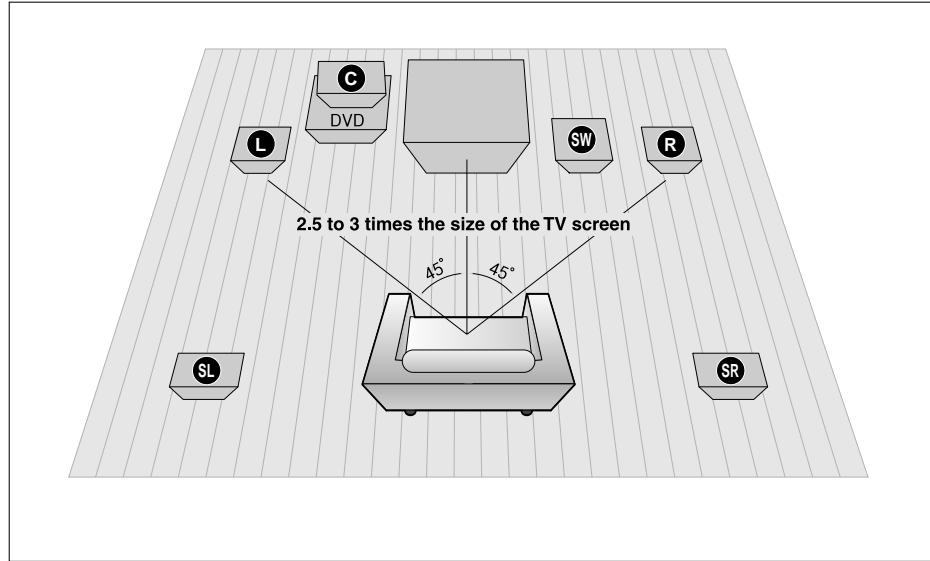
The remote control can be used up to approximately 23 feet/7 meters in a straight line. It can also be operated at a horizontal angle of up to 30° from the remote control sensor.





# Connecting the Speakers

Before moving or installing the product, be sure to turn off the power and disconnect the power cord.



## Position of the DVD Player

- Place it on a stand or cabinet shelf, or under the TV stand.

## Front Speakers **L R**

- Place these speakers in front of your listening position, facing inwards (about 45°) toward you.
- Place the speakers so that their tweeters will be at the same height as your ear.
- Align the front face of the front speakers with the front face of the center speaker or place them slightly in front of the center speakers.

## Center Speaker **C**

- It is best to install it at the same height as the front speakers.
- You can also install it directly over the main unit, and you should better install them directly over or under the TV.

## Selecting the Listening Position

The listening position should be located about 2.5 to 3 times the distance of the TV's screen size away from the TV.

Example : For 32" TVs 2~2.4m (6~8feet)  
For 55" TVs 3.5~4m (11~13feet)

## Rear Speakers **SL SR**

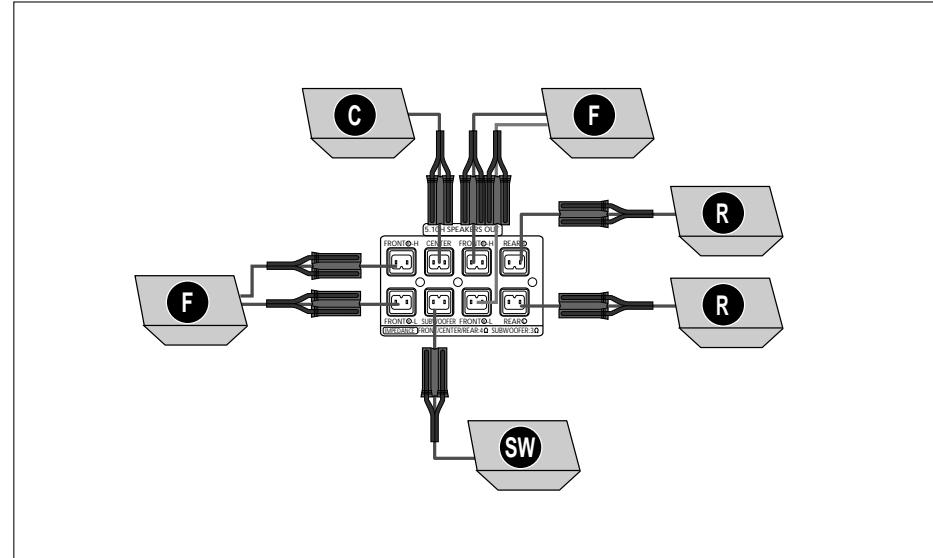
- Place these speakers behind your listening position.
- If there isn't enough room, place these speakers so they face each other.
- Place them about 60 to 90cm (2 to 3feet) above your ear, facing slightly downward.

\* Unlike the front and center speakers, the rear speakers are used to handle mainly sound effects and sound will not come from them all the time.

\* Sound will be heard from the rear speakers in DVD 5.1-CH or Dolby Pro Logic II mode only.

## Subwoofer **SW**

- The position of the subwoofer is not so critical. Place it anywhere you like.



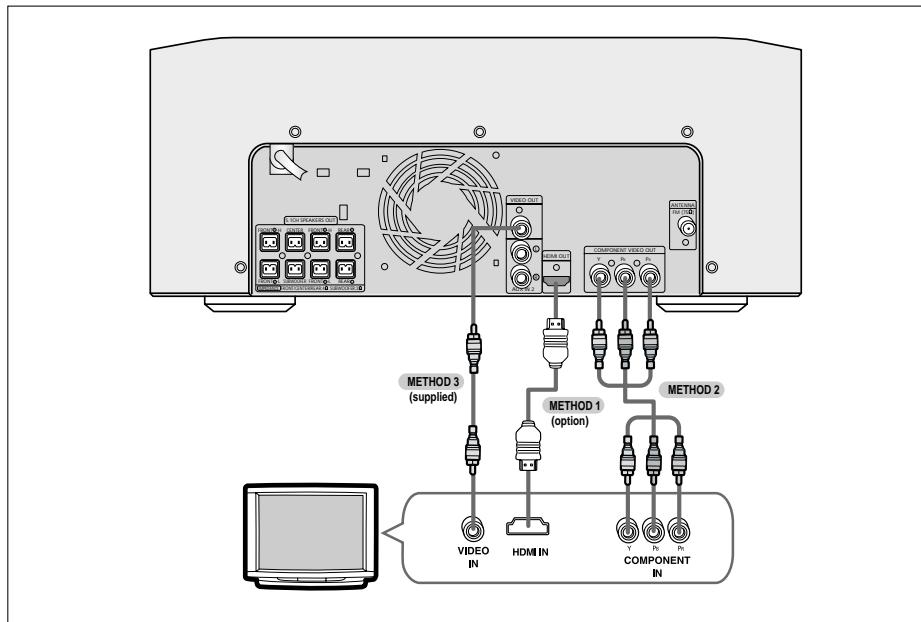
- Do not let children play with or near the speakers. They could get hurt if a speaker falls.
- Keep the speaker out of reach of children so as to prevent children from inserting their hands or alien substances into the duct (hole) of the subwoofer speaker.
- Do not hang the subwoofer on the wall through the duct (hole).



- If you place a speaker near your TV set, screen color may be distorted because of the magnetic field generated by the speaker. If this occurs, place the speaker away from your TV set.

# Connecting the Video Out to your TV

Choose one of the four methods for connecting to a TV.



## METHOD 1 : HDMI ..... (Best Quality)

Connect the HDMI cable from the HDMI OUT jack on the back of the DVD Player to the HDMI IN jack on your TV.

## METHOD 2 : Component Video ..... (Better Quality)

If your television is equipped with Component Video inputs, connect a Component video cable(not supplied) from the Component Video Output (Pr, Pb and Y) jacks on the back of the DVD Player to the Component Video Input jacks on your TV.

## METHOD 3 : Composite Video ..... (Good Quality)

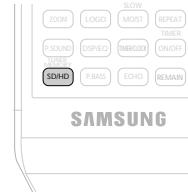
Connect the supplied Video cable from the VIDEO OUT jack on the back of the DVD Player to the VIDEO IN jack on your TV.

- This product operates in Interlace scan mode (576i) for component output.

# HDMI Function

## Resolution Selection

This function allows the user to select the screen resolution for HDMI output.



**Why use HDMI (High Definition Multimedia Interface)?**  
This device transmits a DVD video signal digitally without the process of converting to analog. You will get sharper digital pictures when using an HDMI connection.

In Stop mode, press and hold the SD/HD (Standard Definition/High Definition) button on the remote control.

- Resolutions available for the HDMI output are 480p, 720p, 1080i.
- SD(Standard Definition) resolution is 480p and HD(High Definition) resolution is 720p/1080i.

- If the TV does not support the configured resolution, you will not be able to see the picture properly.
- When an HDMI cable is connected, composite and component video signals are not output.
- See your TV owner's manual for more information on how to select the TV's Video Input source.

## Setting the HDMI Audio

The audio signals transmitted over the HDMI Cable can be toggled ON/OFF.

- 1 In Stop mode, press the **MENU** button.
- 2 Press the Cursor **▼** button to move to **<Audio>** and then press the **ENTER** button.
- 3 Press the Cursor **▼** button to move to **<HDMI AUDIO>** and then press the **ENTER** button.
- 4 Press the Cursor **▲, ▼** button to select **<ON>** or **<OFF>** and then press the **ENTER** button.



- **ON** : Both video and audio signals are transmitted over the HDMI connection cable, and audio is output through your TV speakers only.
- **OFF** : Video is transmitted over the HDMI connection cable only, and audio is output through the home theater speakers only.

- The default setting of this function is HDMI AUDIO OFF.
- HDMI AUDIO is automatically down-mixed to 2ch for TV speakers.
- ECHO/P.SOUND/EQ/DSP function is not available when HDMI AUDIO is ON.
- MIC output is not available while HDMI AUDIO ON.

- Press the **RETURN** button to return to the previous level.
- Press the **EXIT** button to exit the setup screen.

# Disc Playback

DVD CD MP3

1

Press **◀▶▶** button.

- Each time the button is pressed during playback, the playback speed changes as follows:

◀ 2x	▶ 2x
◀ 4x	▶ 4x
◀ 8x	▶ 8x
◀ 32x	▶ 32x
◀ 64x	▶ 64x
◀ 128x	▶ 128x
◀ 256x	▶ 256x
◀ 512x	▶ 512x
◀ 1024x	▶ 1024x
◀ 2048x	▶ 2048x
◀ 4096x	▶ 4096x
◀ 8192x	▶ 8192x
◀ 16384x	▶ 16384x
◀ 32768x	▶ 32768x
◀ 65536x	▶ 65536x
◀ 131072x	▶ 131072x
◀ 262144x	▶ 262144x
◀ 524288x	▶ 524288x
◀ 1048576x	▶ 1048576x
◀ 2097152x	▶ 2097152x
◀ 4194304x	▶ 4194304x
◀ 8388608x	▶ 8388608x
◀ 16777216x	▶ 16777216x
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◀ 1073741824x	▶ 1073741824x
◀ 2147483648x	▶ 2147483648x
◀ 4294967296x	▶ 4294967296x
◀ 8589934592x	▶ 8589934592x
◀ 17179869184x	▶ 17179869184x
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# Disc Playback

DVD CD MP3

1

Press **◀▶▶** button.

- Each time the button is pressed during playback, the playback speed changes as follows:

◀ 2x	▶ 2x
◀ 4x	▶ 4x
◀ 8x	▶ 8x
◀ 32x	▶ 32x
◀ 64x	▶ 64x
◀ 128x	▶ 128x
◀ 256x	▶ 256x
◀ 512x	▶ 512x
◀ 1024x	▶ 1024x
◀ 2048x	▶ 2048x
◀ 4096x	▶ 4096x
◀ 8192x	▶ 8192x
◀ 16384x	▶ 16384x
◀ 32768x	▶ 32768x
◀ 65536x	▶ 65536x
◀ 131072x	▶ 131072x
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◀ 11529215046068736x	▶ 11529215046068736x
◀ 23058430092137472x	▶ 23058430092137472x
◀ 46116860184274944x	▶ 46116860184274944x
◀ 92233720368549888x	▶ 92233720368549888x
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◀ 73786976294839840x	▶ 73786976294839840x
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◀ 590295810358718720x	▶ 590295810358718720x
◀ 1180591620717437440x	▶ 1180591620717437440x
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◀ 4835703278682879754240x	▶ 4835703278682879754240x
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◀ 77371252458926076067840x	▶ 77371252458926076067840x
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◀ 217780715283323475511928871589478400x	▶ 217780715283323475511928871589478400x
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◀ 356811923920197182628690631851946700800x	▶ 356811923920197182628690631851946700800x
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◀ 1427247695680788730514762527407786803200x	▶ 1427247695680788730514762527407786803200x
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◀ 4567192626184923936047240877065137702400x	▶ 4567192626184923936047240877065137702400x
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◀ 14615016403717756592951170806608440716800x	▶ 14615016403717756592951170806608440716800x
◀ 29230032807435513185902341613216880143600x	▶ 29230032807435513185902341613216880143600x
◀ 58460065614871026371804683226433760287200x	▶ 58460065614871026371804683226433760287200x
◀ 11692013122942045273608376645267520574400x	▶ 11692013122942045273608376645267520574400x
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◀ 46768052491768181094433506581070082296000x	▶ 46768052491768181094433506581070082296000x
◀ 93536104983536362188867013162140164584000x	▶ 93536104983536362188867013162140164584000x
◀ 18707220976707272437733402632428032968000x	▶ 18707220976707272437733402632428032968000x
◀ 37414441953414544875466805264856065936000x	▶ 37414441953414

DVD CD MP3

# Disc Playback

1

Press **◀▶▶** button.

- Each time the button is pressed during playback, the playback speed changes as follows:

◀ 2x	▶ 2x
◀ 4x	▶ 4x
◀ 8x	▶ 8x
◀ 32x	▶ 32x
◀ 64x	▶ 64x
◀ 128x	▶ 128x
◀ 256x	▶ 256x
◀ 512x	▶ 512x
◀ 1024x	▶ 1024x
◀ 2048x	▶ 2048x
◀ 4096x	▶ 4096x
◀ 8192x	▶ 8192x
◀ 16384x	▶ 16384x
◀ 32768x	▶ 32768x
◀ 65536x	▶ 65536x
◀ 131072x	▶ 131072x
◀ 262144x	▶ 262144x
◀ 524288x	▶ 524288x
◀ 1048576x	▶ 1048576x
◀ 2097152x	▶ 2097152x
◀ 4194304x	▶ 4194304x
◀ 8388608x	▶ 8388608x
◀ 16777216x	▶ 16777216x
◀ 33554432x	▶ 33554432x
◀ 67108864x	▶ 67108864x
◀ 134217728x	▶ 134217728x
◀ 268435456x	▶ 268435456x
◀ 536870912x	▶ 536870912x
◀ 1073741824x	▶ 1073741824x
◀ 2147483648x	▶ 2147483648x
◀ 4294967296x	▶ 4294967296x
◀ 8589934592x	▶ 8589934592x
◀ 17179869184x	▶ 17179869184x
◀ 34359738368x	▶ 34359738368x
◀ 68719476736x	▶ 68719476736x
◀ 137438953472x	▶ 137438953472x
◀ 274877906944x	▶ 274877906944x
◀ 549755813888x	▶ 549755813888x
◀ 1099511627776x	▶ 1099511627776x
◀ 2199023255552x	▶ 2199023255552x
◀ 4398046511104x	▶ 4398046511104x
◀ 8796093022208x	▶ 8796093022208x
◀ 17592186044416x	▶ 17592186044416x
◀ 35184372088832x	▶ 35184372088832x
◀ 70368744177664x	▶ 70368744177664x
◀ 140737488355328x	▶ 140737488355328x
◀ 281474976710656x	▶ 281474976710656x
◀ 562949953421312x	▶ 562949953421312x
◀ 112589990684264x	▶ 112589990684264x
◀ 225179981368528x	▶ 225179981368528x
◀ 450359962737056x	▶ 450359962737056x
◀ 900719925474112x	▶ 900719925474112x
◀ 180143985094824x	▶ 180143985094824x
◀ 360287970189648x	▶ 360287970189648x
◀ 720575940379296x	▶ 720575940379296x
◀ 1441151880758592x	▶ 1441151880758592x
◀ 2882303761517184x	▶ 2882303761517184x
◀ 5764607523034368x	▶ 5764607523034368x
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◀ 182687705041239037561431755656581120x	▶ 182687705041239037561431755656581120x
◀ 365375410082478075122863511313162240x	▶ 365375410082478075122863511313162240x
◀ 730750820164956150245727022626324480x	▶ 730750820164956150245727022626324480x
◀ 146150164032912430048554044525264960x	▶ 146150164032912430048554044525264960x
◀ 292300328065824860097108089050529920x	▶ 292300328065824860097108089050529920x
◀ 584600656131649720194216178101059840x	▶ 584600656131649720194216178101059840x
◀ 1169201312263295403884323566202119680x	▶ 1169201312263295403884323566202119680x
◀ 2338402624526590807768647132404239360x	▶ 2338402624526590807768647132404239360x
◀ 4676805249053181615537294264808478720x	▶ 4676805249053181615537294264808478720x
◀ 935361049810636323107458852961695760x	▶ 935361049810636323107458852961695760x
◀ 1870722097621272646214917705823391520x	▶ 1870722097621272646214917705823391520x
◀ 3741444195242545292429835411646783040x	▶ 3741444195242545292429835411646783040x
◀ 7482888390485090584859670823293566080x	▶ 7482888390485090584859670823293566080x
◀ 14965776780960181169719341646587132160x	▶ 14965776780960181169719341646587132160x
◀ 29931553561920362339438683293174264320x	▶ 29931553561920362339438683293174264320x
◀ 5986310712	

OPERATION

## 1 Skip Forward/Back

During playback, press the **◀◀▶▶** button.

- When there is more than a file, when you press the **▶▶** button, the next file is selected.
- When there is more than a file, when you press the **◀◀** button, the previous file is selected.

## Fast playback

To play back the disc at a faster speed, press **◀◀** or **▶▶** button during playback.

- Each time you press either button, the playback speed will change as follows:

2x	4x	8x	16x	32x	Normal
----	----	----	-----	-----	--------

## 2 Compatible Devices

- USB devices that support USB Mass Storage v1.0.  
(USB devices that operate as a removable disk in Windows (2000 or later) without additional driver installation.)
- MP3 Player, HDD and flash type MP3 player.
- USB device that supports a fast playback speed. (Only the RTP protocol is not supported.)  
To play back the disc at a faster speed, additional program installation when you have connected it to a computer, are not supported.
- USB HDD and USB Flash Drive: Devices that support USB2.0 or USB1.1.  
You may experience a difference in playback quality when you connect a USB1.1 device.
  - For a USB HDD, make sure to connect an auxiliary power cord to the USB HDD for proper operation.

- USB card Reader: One slot USB card reader and Multi slot USB card reader
  - Depending on the manufacturer, the USB card reader may not be supported.
  - If you insert multiple memory devices into a multi card reader, you may experience problems.

## Supported Formats

File name	File extension	Bit rate	Version	Pixel	Sampling Frequency
Still Picture	.JPG,.JPEG	—	—	640*480	—
Music	.MP3	80~384kbps	—	—	44.1kHz
	.WMA	56~128kbps	V8	—	44.1kHz
Movie	.WMV	4Mbps	V1,V2,V3,V7 (V9 is not supported)	720*480	44.1kHz~48kHz
DivX	.AVI,.ASF	4Mbps	DivX3.11-DivX5.1.XviD	800*600	44.1kHz~48kHz

A device using NTFS file system is not supported.(Only FAT file system is supported.)

The USB host function of this product does not support all USB devices.  
For the information on the supported devices, please see the page 68.

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# Disc Playback

DVD CD MP3

1

- Press **◀▶▶** button.

- Each time the button is pressed during playback, the playback speed changes as follows:

◀ 2x	▶ 2x
◀ 4x	▶ 4x
◀ 8x	▶ 8x
◀ 32x	▶ 32x
◀ 64x	▶ 64x
◀ 128x	▶ 128x
◀ 256x	▶ 256x
◀ 512x	▶ 512x
◀ 1024x	▶ 1024x
◀ 2048x	▶ 2048x
◀ 4096x	▶ 4096x
◀ 8192x	▶ 8192x
◀ 16384x	▶ 16384x
◀ 32768x	▶ 32768x
◀ 65536x	▶ 65536x
◀ 131072x	▶ 131072x
◀ 262144x	▶ 262144x
◀ 524288x	▶ 524288x
◀ 1048576x	▶ 1048576x
◀ 2097152x	▶ 2097152x
◀ 4194304x	▶ 4194304x
◀ 8388608x	▶ 8388608x
◀ 16777216x	▶ 16777216x
◀ 33554432x	▶ 33554432x
◀ 67108864x	▶ 67108864x
◀ 134217728x	▶ 134217728x
◀ 268435456x	▶ 268435456x
◀ 536870912x	▶ 536870912x
◀ 1073741824x	▶ 1073741824x
◀ 2147483648x	▶ 2147483648x
◀ 4294967296x	▶ 4294967296x
◀ 8589934592x	▶ 8589934592x
◀ 17179869184x	▶ 17179869184x
◀ 34359738368x	▶ 34359738368x
◀ 68719476736x	▶ 68719476736x
◀ 137438953472x	▶ 137438953472x
◀ 274877906944x	▶ 274877906944x
◀ 549755813888x	▶ 549755813888x
◀ 1099511627776x	▶ 1099511627776x
◀ 2199023255552x	▶ 2199023255552x
◀ 4398046511104x	▶ 4398046511104x
◀ 8796093022208x	▶ 8796093022208x
◀ 17592186044416x	▶ 17592186044416x
◀ 35184372088832x	▶ 35184372088832x
◀ 70368744177664x	▶ 70368744177664x
◀ 140737488355328x	▶ 140737488355328x
◀ 281474976710656x	▶ 281474976710656x
◀ 562949953421312x	▶ 562949953421312x
◀ 112589990684264x	▶ 112589990684264x
◀ 225179981368528x	▶ 225179981368528x
◀ 450359962737056x	▶ 450359962737056x
◀ 900719925474112x	▶ 900719925474112x
◀ 180143985094824x	▶ 180143985094824x
◀ 360287970189648x	▶ 360287970189648x
◀ 720575940379296x	▶ 720575940379296x
◀ 1441151880758592x	▶ 1441151880758592x
◀ 2882303761517184x	▶ 2882303761517184x
◀ 5764607523034368x	▶ 5764607523034368x
◀ 11529215046068736x	▶ 11529215046068736x
◀ 23058430092137472x	▶ 23058430092137472x
◀ 46116860184274944x	▶ 46116860184274944x
◀ 92233720368549888x	▶ 92233720368549888x
◀ 18446744073709976x	▶ 18446744073709976x
◀ 36893488147419952x	▶ 36893488147419952x
◀ 73786976294839840x	▶ 73786976294839840x
◀ 147573952589679680x	▶ 147573952589679680x
◀ 295147905179359360x	▶ 295147905179359360x
◀ 590295810358718720x	▶ 590295810358718720x
◀ 1180591620717437440x	▶ 1180591620717437440x
◀ 2361183241434874880x	▶ 2361183241434874880x
◀ 4722366482869749760x	▶ 4722366482869749760x
◀ 9444732965739499520x	▶ 9444732965739499520x
◀ 18889465931478999040x	▶ 18889465931478999040x
◀ 37778931862957998080x	▶ 37778931862957998080x
◀ 75557863725915996160x	▶ 75557863725915996160x
◀ 151115727458239992320x	▶ 151115727458239992320x
◀ 302231454916479984640x	▶ 302231454916479984640x
◀ 604462909832959969280x	▶ 604462909832959969280x
◀ 1208925819665919938560x	▶ 1208925819665919938560x
◀ 2417851639331839877120x	▶ 2417851639331839877120x
◀ 4835703278663679754240x	▶ 4835703278663679754240x
◀ 9671406557327359508480x	▶ 9671406557327359508480x
◀ 19342813114654719016960x	▶ 19342813114654719016960x
◀ 38685626229309438033920x	▶ 38685626229309438033920x
◀ 77371252458618876067840x	▶ 77371252458618876067840x
◀ 154742504917237752135680x	▶ 154742504917237752135680x
◀ 309485009834475504271360x	▶ 309485009834475504271360x
◀ 618970019668951008542720x	▶ 618970019668951008542720x
◀ 1237940039337902017085440x	▶ 1237940039337902017085440x
◀ 2475880078675804034170880x	▶ 2475880078675804034170880x
◀ 4951760157351608068341760x	▶ 4951760157351608068341760x
◀ 9903520314703216136683520x	▶ 9903520314703216136683520x
◀ 19807040629406432273367120x	▶ 19807040629406432273367120x
◀ 39614081258812864546734240x	▶ 39614081258812864546734240x
◀ 79228162517625729093468480x	▶ 79228162517625729093468480x
◀ 158456325353254458186936960x	▶ 158456325353254458186936960x
◀ 316912650706508916373873920x	▶ 316912650706508916373873920x
◀ 633825301413017832747747840x	▶ 633825301413017832747747840x
◀ 126765060282603566549545680x	▶ 126765060282603566549545680x
◀ 253530120565207133098591360x	▶ 253530120565207133098591360x
◀ 507060241130414266197182720x	▶ 507060241130414266197182720x
◀ 1014120482260828532394365440x	▶ 1014120482260828532394365440x
◀ 2028240964521657064788730880x	▶ 2028240964521657064788730880x
◀ 4056481929043314129577461760x	▶ 4056481929043314129577461760x
◀ 8112963858086628259154923520x	▶ 8112963858086628259154923520x
◀ 16225927716173256518309847040x	▶ 16225927716173256518309847040x
◀ 32451855432346513036619694080x	▶ 32451855432346513036619694080x
◀ 64903710864693026073239388160x	▶ 64903710864693026073239388160x
◀ 129807421729386052146478776320x	▶ 129807421729386052146478776320x
◀ 259614843458772104292957552640x	▶ 259614843458772104292957552640x
◀ 519229686917544208585915105280x	▶ 519229686917544208585915105280x
◀ 1038459373835088417171830210560x	▶ 1038459373835088417171830210560x
◀ 2076918747670176834343660421120x	▶ 2076918747670176834343660421120x
◀ 4153837495340353668687320842240x	▶ 4153837495340353668687320842240x
◀ 8307674990680707337374641684480x	▶ 8307674990680707337374641684480x
◀ 16615349981361414674553283368960x	▶ 16615349981361414674553283368960x
◀ 33230699962722829349106566737920x	▶ 33230699962722829349106566737920x
◀ 66461399925445658698213133475840x	▶ 66461399925445658698213133475840x
◀ 132922799850891317396426266951680x	▶ 132922799850891317396426266951680x
◀ 265845599701782634792852533903360x	▶ 265845599701782634792852533903360x
◀ 531691199403565269585705067806720x	▶ 531691199403565269585705067806720x
◀ 1063382398807130538571410135613440x	▶ 1063382398807130538571410135613440x
◀ 2126764797614261077142820271226880x	▶ 2126764797614261077142820271226880x
◀ 4253529595228522154285640542453760x	▶ 4253529595228522154285640542453760x
◀ 8507059190457044308571281084907520x	▶ 8507059190457044308571281084907520x
◀ 17014118380914088617142562169815040x	▶ 17014118380914088617142562169815040x
◀ 34028236761828177234285124339630080x	▶ 34028236761828177234285124339630080x
◀ 68056473523656354468570248679260160x	▶ 68056473523656354468570248679260160x
◀ 136112947047120708971404893358520320x	▶ 136112947047120708971404893358520320x
◀ 272225894094241417942809786717040640x	▶ 272225894094241417942809786717040640x
◀ 544451788188482835885619573434081280x	▶ 544451788188482835885619573434081280x
◀ 1088903576377965671771239146868162560x	▶ 1088903576377965671771239146868162560x
◀ 2177807152755931343542478293736325120x	▶ 2177807152755931343542478293736325120x
◀ 4355614305511862686784956587472650240x	▶ 4355614305511862686784956587472650240x
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◀ 1742245722204745074713926634988660960x	▶ 1742245722204745074713926634988660960x
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◀ 13937965777637960597714013079883287680x	▶ 13937965777637960597714013079883287680x
◀ 27875931555275921195428026159766575360x	▶ 27875931555275921195428026159766575360x
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◀ 3568119239073717129014787348437321646880x	▶ 3568119239073717129014787348437321646880x
◀ 7136238478147434258029574696874643293600x	▶ 7136238478147434258029574696874643293600x
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◀ 73075082016226148822364529919707559286400x	▶ 73075082016226148822364529919707559286400x
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◀ 29230032806506459289346111967883033705600x	▶ 29230032806506459289346111967883033705600x
◀ 58460065613012818578692223935766667411200x	▶ 5846006561301281857869222393576667411200x
◀ 11692013122625637157738444867533334822400x	▶ 11692013122625637157738444867533334822400x
◀ 23384026245251274315476889735066669644800x	▶ 23384026245251274315476889735066669644800x
◀ 4676805249050254863095377847013333929600x	▶ 4676805249050254863095377847013333929600x
◀ 9353610498100509726190755694026667859200x	▶ 9353610498100509726190755694026667859200x
◀ 1870722097620101945238511388053334178800x	▶ 1870722097620101945238511388053334178800x

# Disc Playback

DVD CD MP3

1

Press **◀▶▶** button.

- Each time the button is pressed during playback, the playback speed changes as follows:

◀ 2x	▶ 2x
◀ 4x	▶ 4x
◀ 8x	▶ 8x
◀ 32x	▶ 32x
◀ 64x	▶ 64x
◀ 128x	▶ 128x
◀ 256x	▶ 256x
◀ 512x	▶ 512x
◀ 1024x	▶ 1024x
◀ 2048x	▶ 2048x
◀ 4096x	▶ 4096x
◀ 8192x	▶ 8192x
◀ 16384x	▶ 16384x
◀ 32768x	▶ 32768x
◀ 65536x	▶ 65536x
◀ 131072x	▶ 131072x
◀ 262144x	▶ 262144x
◀ 524288x	▶ 524288x
◀ 1048576x	▶ 1048576x
◀ 2097152x	▶ 2097152x
◀ 4194304x	▶ 4194304x
◀ 8388608x	▶ 8388608x
◀ 16777216x	▶ 16777216x
◀ 33554432x	▶ 33554432x
◀ 67108864x	▶ 67108864x
◀ 134217728x	▶ 134217728x
◀ 268435456x	▶ 268435456x
◀ 536870912x	▶ 536870912x
◀ 1073741824x	▶ 1073741824x
◀ 2147483648x	▶ 2147483648x
◀ 4294967296x	▶ 4294967296x
◀ 8589934592x	▶ 8589934592x
◀ 17179869184x	▶ 17179869184x
◀ 34359738368x	▶ 34359738368x
◀ 68719476736x	▶ 68719476736x
◀ 137438953472x	▶ 137438953472x
◀ 274877906944x	▶ 274877906944x
◀ 549755813888x	▶ 549755813888x
◀ 1099511627776x	▶ 1099511627776x
◀ 2199023255552x	▶ 2199023255552x
◀ 4398046511104x	▶ 4398046511104x
◀ 8796093022208x	▶ 8796093022208x
◀ 17592186044416x	▶ 17592186044416x
◀ 35184372088832x	▶ 35184372088832x
◀ 70368744177664x	▶ 70368744177664x
◀ 140737488355328x	▶ 140737488355328x
◀ 281474976710656x	▶ 281474976710656x
◀ 562949953421312x	▶ 562949953421312x
◀ 112589990684264x	▶ 112589990684264x
◀ 225179981368528x	▶ 225179981368528x
◀ 450359962737056x	▶ 450359962737056x
◀ 900719925474112x	▶ 900719925474112x
◀ 180143985094824x	▶ 180143985094824x
◀ 360287970189648x	▶ 360287970189648x
◀ 720575940379296x	▶ 720575940379296x
◀ 1441151880758592x	▶ 1441151880758592x
◀ 2882303761517184x	▶ 2882303761517184x
◀ 5764607523034368x	▶ 5764607523034368x
◀ 11529215046068736x	▶ 11529215046068736x
◀ 23058430092137472x	▶ 23058430092137472x
◀ 46116860184274944x	▶ 46116860184274944x
◀ 92233720368549888x	▶ 92233720368549888x
◀ 18446744073709976x	▶ 18446744073709976x
◀ 36893488147419952x	▶ 36893488147419952x
◀ 73786976294839840x	▶ 73786976294839840x
◀ 147573952589679680x	▶ 147573952589679680x
◀ 295147905179359360x	▶ 295147905179359360x
◀ 590295810358718720x	▶ 590295810358718720x
◀ 1180591620717437440x	▶ 1180591620717437440x
◀ 2361183241434874880x	▶ 2361183241434874880x
◀ 4722366482869749760x	▶ 4722366482869749760x
◀ 9444732965739499520x	▶ 9444732965739499520x
◀ 18889465931478999040x	▶ 18889465931478999040x
◀ 37778931862957998080x	▶ 37778931862957998080x
◀ 75557863725915996160x	▶ 75557863725915996160x
◀ 151115727458839992320x	▶ 151115727458839992320x
◀ 302231454917679984640x	▶ 302231454917679984640x
◀ 604462909835359969280x	▶ 604462909835359969280x
◀ 1208925819670719938560x	▶ 1208925819670719938560x
◀ 2417851639341439877120x	▶ 2417851639341439877120x
◀ 4835703278682879754240x	▶ 4835703278682879754240x
◀ 9671406557365759508480x	▶ 9671406557365759508480x
◀ 19342813114731519016960x	▶ 19342813114731519016960x
◀ 38685626229463038033920x	▶ 38685626229463038033920x
◀ 77371252458926076067840x	▶ 77371252458926076067840x
◀ 154742504917852152135680x	▶ 154742504917852152135680x
◀ 309485009835704304271360x	▶ 309485009835704304271360x
◀ 618970019671408608542720x	▶ 618970019671408608542720x
◀ 1237940039342817217085440x	▶ 1237940039342817217085440x
◀ 2475880078685634434170880x	▶ 2475880078685634434170880x
◀ 4951760157371268868341760x	▶ 4951760157371268868341760x
◀ 9903520314742537736683520x	▶ 9903520314742537736683520x
◀ 19807040629485075473367120x	▶ 19807040629485075473367120x
◀ 39614081258970150946734240x	▶ 39614081258970150946734240x
◀ 79228162517940301893468480x	▶ 79228162517940301893468480x
◀ 158456325358806023868936960x	▶ 158456325358806023868936960x
◀ 316912650717612047737873920x	▶ 316912650717612047737873920x
◀ 633825301435224095475747840x	▶ 633825301435224095475747840x
◀ 1267650602870448190951495680x	▶ 1267650602870448190951495680x
◀ 2535301205740896381902991360x	▶ 2535301205740896381902991360x
◀ 5070602411481792763805982720x	▶ 5070602411481792763805982720x
◀ 10141204822963585527611965440x	▶ 10141204822963585527611965440x
◀ 20282409645927171055223930880x	▶ 20282409645927171055223930880x
◀ 40564819291854342110447861760x	▶ 40564819291854342110447861760x
◀ 81129638583708684220895723520x	▶ 81129638583708684220895723520x
◀ 16225927716741736844171446720x	▶ 16225927716741736844171446720x
◀ 32451855433483473688342893440x	▶ 32451855433483473688342893440x
◀ 64903710866966947376685786880x	▶ 64903710866966947376685786880x
◀ 129807421733933894753375573600x	▶ 129807421733933894753375573600x
◀ 259614843467867789506751147200x	▶ 259614843467867789506751147200x
◀ 519229686935735579013502294400x	▶ 519229686935735579013502294400x
◀ 1038459373871471158027004588800x	▶ 1038459373871471158027004588800x
◀ 2076918747742942316054009177600x	▶ 2076918747742942316054009177600x
◀ 4153837495485884632108018355200x	▶ 4153837495485884632108018355200x
◀ 8307674990971769264216036710400x	▶ 8307674990971769264216036710400x
◀ 16615349981943538528432073420800x	▶ 16615349981943538528432073420800x
◀ 33230699963887077056864146841600x	▶ 33230699963887077056864146841600x
◀ 66461399927774154113728293683200x	▶ 66461399927774154113728293683200x
◀ 13292279985554830822745658766400x	▶ 13292279985554830822745658766400x
◀ 26584559971109661645491317532800x	▶ 26584559971109661645491317532800x
◀ 53169119942219323290982635065600x	▶ 53169119942219323290982635065600x
◀ 106338239884438646581965270131200x	▶ 106338239884438646581965270131200x
◀ 212676479768877293163930540262400x	▶ 212676479768877293163930540262400x
◀ 425352959537754586327861080524800x	▶ 425352959537754586327861080524800x
◀ 850705919075509172655722161049600x	▶ 850705919075509172655722161049600x
◀ 170141183815101834531144432209600x	▶ 170141183815101834531144432209600x
◀ 340282367630203669062288864419200x	▶ 340282367630203669062288864419200x
◀ 680564735260407338124577728838400x	▶ 680564735260407338124577728838400x
◀ 1361129470520814672449555457676800x	▶ 1361129470520814672449555457676800x
◀ 2722258941041629344899110915353600x	▶ 2722258941041629344899110915353600x
◀ 5444517882083258689798221830707200x	▶ 5444517882083258689798221830707200x
◀ 10889035764166173775596443661414400x	▶ 10889035764166173775596443661414400x
◀ 21778071528332347551192887322828800x	▶ 21778071528332347551192887322828800x
◀ 43556143056664695102385774645657600x	▶ 43556143056664695102385774645657600x
◀ 87112286113329390204771549291315200x	▶ 87112286113329390204771549291315200x
◀ 174224572226658780495543098582630400x	▶ 174224572226658780495543098582630400x
◀ 348449144453317560991086197165260800x	▶ 348449144453317560991086197165260800x
◀ 696898288906635121982172394330521600x	▶ 696898288906635121982172394330521600x
◀ 1393796577813270243964344788661043200x	▶ 1393796577813270243964344788661043200x
◀ 2787593155626540487928689577322086400x	▶ 2787593155626540487928689577322086400x
◀ 5575186311253080975857379154644172800x	▶ 5575186311253080975857379154644172800x
◀ 1115037262250616195715478308928345600x	▶ 1115037262250616195715478308928345600x
◀ 2230074524501232391430956617856691200x	▶ 2230074524501232391430956617856691200x
◀ 4460149049002464782861913235713382400x	▶ 4460149049002464782861913235713382400x
◀ 8920298098004929565723826471426764800x	▶ 8920298098004929565723826471426764800x
◀ 17840596196009859131447652942855329600x	▶ 17840596196009859131447652942855329600x
◀ 35681192392019718262895305885710659200x	▶ 35681192392019718262895305885710659200x
◀ 71362384784039436525785611771421318400x	▶ 71362384784039436525785611771421318400x
◀ 142724769568078873051571223542842632800x	▶ 142724769568078873051571223542842632800x
◀ 2854495391361577461031424447856852566400x	▶ 2854495391361577461031424447856852566400x
◀ 5708990782723154922062848895713705132800x	▶ 5708990782723154922062848895713705132800x
◀ 11417981565462309841257977811474102656000x	▶ 11417981565462309841257977811474102656000x
◀ 22835963130924619682515955622948205312000x	▶ 22835963130924619682515955622948205312000x
◀ 45671926261849239365031911245896410624000x	▶ 45671926261849239365031911245896410624000x
◀ 91343852523698478730063822491792821248000x	▶ 91343852523698478730063822491792821248000x
◀ 182687705047396957460127644983585642496000x	▶ 182687705047396957460127644983585642496000x
◀ 365375410094793914920255289967171284984000x	▶ 365375410094793914920255289967171284984000x
◀ 730750820189587829840510579934342569768000x	▶ 730750820189587829840510579934342569768000x
◀ 146150164037177565968102115986868513536000x	▶ 146150164037177565968102115986868513536000x
◀ 292300328074355131936204231973737027072000x	▶ 292300328074355131936204231973737027072000x
◀ 584600656148710263872408463947474054144000x	▶ 584600656148710263872408463947474054144000x
◀ 1169201312294204527448168927894948108288000x	▶ 1169201312294204527448168927894948108288000x
◀ 2338402624588409054896337855789896216576000x	▶ 2338402624588409054896337855789896216576000x
◀ 4676805249176818109792675711578793233152000x	▶ 4676805249176818109792675711578793233152000x
◀ 9353610498353636219585351423157876466304000x	▶ 9353610498353636219585351423157876466304000x
◀ 18707220976707272439170702846315753132608000x	▶ 18707220976707272439170702846315753132608000x
◀ 37414441953414544878341405692631506265216000x	



# Disc Playback

DVD CD MP3

1

Press **◀▶▶** button.

- Each time the button is pressed during playback, the playback speed changes as follows:

◀ 2x	▶ 2x
◀ 4x	▶ 4x
◀ 8x	▶ 8x
◀ 32x	▶ 32x
◀ 64x	▶ 64x
◀ 128x	▶ 128x
◀ 256x	▶ 256x
◀ 512x	▶ 512x
◀ 1024x	▶ 1024x
◀ 2048x	▶ 2048x
◀ 4096x	▶ 4096x
◀ 8192x	▶ 8192x
◀ 16384x	▶ 16384x
◀ 32768x	▶ 32768x
◀ 65536x	▶ 65536x
◀ 131072x	▶ 131072x
◀ 262144x	▶ 262144x
◀ 524288x	▶ 524288x
◀ 1048576x	▶ 1048576x
◀ 2097152x	▶ 2097152x
◀ 4194304x	▶ 4194304x
◀ 8388608x	▶ 8388608x
◀ 16777216x	▶ 16777216x
◀ 33554432x	▶ 33554432x
◀ 67108864x	▶ 67108864x
◀ 134217728x	▶ 134217728x
◀ 268435456x	▶ 268435456x
◀ 536870912x	▶ 536870912x
◀ 1073741824x	▶ 1073741824x
◀ 2147483648x	▶ 2147483648x
◀ 4294967296x	▶ 4294967296x
◀ 8589934592x	▶ 8589934592x
◀ 17179869184x	▶ 17179869184x
◀ 34359738368x	▶ 34359738368x
◀ 68719476736x	▶ 68719476736x
◀ 137438953472x	▶ 137438953472x
◀ 274877906944x	▶ 274877906944x
◀ 549755813888x	▶ 549755813888x
◀ 1099511627776x	▶ 1099511627776x
◀ 2199023255552x	▶ 2199023255552x
◀ 4398046511104x	▶ 4398046511104x
◀ 8796093022208x	▶ 8796093022208x
◀ 17592186044416x	▶ 17592186044416x
◀ 35184372088832x	▶ 35184372088832x
◀ 70368744177664x	▶ 70368744177664x
◀ 140737488355328x	▶ 140737488355328x
◀ 281474976710656x	▶ 281474976710656x
◀ 562949953421312x	▶ 562949953421312x
◀ 112589990684264x	▶ 112589990684264x
◀ 225179981368528x	▶ 225179981368528x
◀ 450359962737056x	▶ 450359962737056x
◀ 900719925474112x	▶ 900719925474112x
◀ 180143985094824x	▶ 180143985094824x
◀ 360287970189648x	▶ 360287970189648x
◀ 720575940379296x	▶ 720575940379296x
◀ 1441151880758592x	▶ 1441151880758592x
◀ 2882303761517184x	▶ 2882303761517184x
◀ 5764607523034368x	▶ 5764607523034368x
◀ 11529215046068736x	▶ 11529215046068736x
◀ 23058430092137472x	▶ 23058430092137472x
◀ 46116860184274944x	▶ 46116860184274944x
◀ 92233720368549888x	▶ 92233720368549888x
◀ 18446744073709976x	▶ 18446744073709976x
◀ 36893488147419952x	▶ 36893488147419952x
◀ 73786976294839840x	▶ 73786976294839840x
◀ 147573952589679680x	▶ 147573952589679680x
◀ 295147905179359360x	▶ 295147905179359360x
◀ 590295810358718720x	▶ 590295810358718720x
◀ 1180591620717437440x	▶ 1180591620717437440x
◀ 2361183241434874880x	▶ 2361183241434874880x
◀ 4722366482869749760x	▶ 4722366482869749760x
◀ 9444732965739499520x	▶ 9444732965739499520x
◀ 18889465931478999040x	▶ 18889465931478999040x
◀ 37778931862957998080x	▶ 37778931862957998080x
◀ 75557863725915996160x	▶ 75557863725915996160x
◀ 151115727458839992320x	▶ 151115727458839992320x
◀ 302231454917679984640x	▶ 302231454917679984640x
◀ 604462909835359969280x	▶ 604462909835359969280x
◀ 1208925819670719938560x	▶ 1208925819670719938560x
◀ 2417851639341439877120x	▶ 2417851639341439877120x
◀ 4835703278682879754240x	▶ 4835703278682879754240x
◀ 9671406557365759508480x	▶ 9671406557365759508480x
◀ 19342813114731519016960x	▶ 19342813114731519016960x
◀ 38685626229463038033920x	▶ 38685626229463038033920x
◀ 77371252458926076067840x	▶ 77371252458926076067840x
◀ 154742504917852152135680x	▶ 154742504917852152135680x
◀ 309485009835704304271360x	▶ 309485009835704304271360x
◀ 618970019671408608542720x	▶ 618970019671408608542720x
◀ 1237940039342817217085440x	▶ 1237940039342817217085440x
◀ 2475880078685634434170880x	▶ 2475880078685634434170880x
◀ 4951760157371268868341760x	▶ 4951760157371268868341760x
◀ 9903520314742537736683520x	▶ 9903520314742537736683520x
◀ 19807040629485075473367120x	▶ 19807040629485075473367120x
◀ 39614081258970150946734240x	▶ 39614081258970150946734240x
◀ 79228162517940301893468480x	▶ 79228162517940301893468480x
◀ 158456325358806023868936960x	▶ 158456325358806023868936960x
◀ 316912650717612047737873920x	▶ 316912650717612047737873920x
◀ 633825301435224095475747840x	▶ 633825301435224095475747840x
◀ 1267650602870448190951495680x	▶ 1267650602870448190951495680x
◀ 2535301205740896381902991360x	▶ 2535301205740896381902991360x
◀ 5070602411481792763805982720x	▶ 5070602411481792763805982720x
◀ 10141204822963585527611965440x	▶ 10141204822963585527611965440x
◀ 20282409645927171055223930880x	▶ 20282409645927171055223930880x
◀ 40564819291854342110447861760x	▶ 40564819291854342110447861760x
◀ 81129638583708684220895723520x	▶ 81129638583708684220895723520x
◀ 16225927716741736844171447040x	▶ 16225927716741736844171447040x
◀ 32451855433483473688342894080x	▶ 32451855433483473688342894080x
◀ 64903710866966947376685788160x	▶ 64903710866966947376685788160x
◀ 129807421733933894753375576320x	▶ 129807421733933894753375576320x
◀ 259614843467867789506751152640x	▶ 259614843467867789506751152640x
◀ 519229686935735579013502305280x	▶ 519229686935735579013502305280x
◀ 1038459373871471158027046610560x	▶ 1038459373871471158027046610560x
◀ 2076918747742942316054093221120x	▶ 2076918747742942316054093221120x
◀ 4153837495485884632108186442240x	▶ 4153837495485884632108186442240x
◀ 8307674990971769264216372884480x	▶ 8307674990971769264216372884480x
◀ 1661534998194353852843274576960x	▶ 1661534998194353852843274576960x
◀ 3323069996388707705686549153920x	▶ 3323069996388707705686549153920x
◀ 6646139992777415411373098307840x	▶ 6646139992777415411373098307840x
◀ 13292279985554830822746976615680x	▶ 13292279985554830822746976615680x
◀ 26584559971109661645493953231360x	▶ 26584559971109661645493953231360x
◀ 53169119942219323290987906462720x	▶ 53169119942219323290987906462720x
◀ 106338239884438646581978132925440x	▶ 106338239884438646581978132925440x
◀ 212676479768877293163956265850880x	▶ 212676479768877293163956265850880x
◀ 425352959537754586327912531701760x	▶ 425352959537754586327912531701760x
◀ 850705919075509172655825063403520x	▶ 850705919075509172655825063403520x
◀ 1701411838151018345311650126807040x	▶ 1701411838151018345311650126807040x
◀ 3402823676302036690623300253614080x	▶ 3402823676302036690623300253614080x
◀ 6805647352604073381246600507228160x	▶ 6805647352604073381246600507228160x
◀ 13611294705208146724493001014456320x	▶ 13611294705208146724493001014456320x
◀ 27222589410416293448986002028912640x	▶ 27222589410416293448986002028912640x
◀ 54445178820832586897972004057825280x	▶ 54445178820832586897972004057825280x
◀ 10889035764166173789594008115650560x	▶ 10889035764166173789594008115650560x
◀ 21778071528332347579188001623301120x	▶ 21778071528332347579188001623301120x
◀ 43556143056664695158376003246602240x	▶ 43556143056664695158376003246602240x
◀ 87112286113329390316752006493204480x	▶ 87112286113329390316752006493204480x
◀ 174224572226658780633504012986408960x	▶ 174224572226658780633504012986408960x
◀ 348449144453317561267008025972817920x	▶ 348449144453317561267008025972817920x
◀ 696898288906635122534016051945635840x	▶ 696898288906635122534016051945635840x
◀ 1393796577813270245068032023891271680x	▶ 1393796577813270245068032023891271680x
◀ 2787593155626540490136064047782543360x	▶ 2787593155626540490136064047782543360x
◀ 5575186311253080980272128095565086720x	▶ 5575186311253080980272128095565086720x
◀ 1115037262256616196054256019113017440x	▶ 1115037262256616196054256019113017440x
◀ 2230074524513232392108512038226034880x	▶ 2230074524513232392108512038226034880x
◀ 4460149049026464784217024076452069760x	▶ 4460149049026464784217024076452069760x
◀ 8920298098052929568434048152854139520x	▶ 8920298098052929568434048152854139520x
◀ 1784059619610585913686809635718269040x	▶ 1784059619610585913686809635718269040x
◀ 3568119239221171827373619271436538080x	▶ 3568119239221171827373619271436538080x
◀ 7136238478442343654747238542873176160x	▶ 7136238478442343654747238542873176160x
◀ 14272476956884687309494677057466352320x	▶ 14272476956884687309494677057466352320x
◀ 28544953913769374618989354114933104640x	▶ 28544953913769374618989354114933104640x
◀ 57089907827538749237978708229866209280x	▶ 57089907827538749237978708229866209280x
◀ 11417981565077489865595401645773218560x	▶ 11417981565077489865595401645773218560x
◀ 22835963130154979731190803291546437120x	▶ 22835963130154979731190803291546437120x
◀ 45671926260309959462381606583092874240x	▶ 45671926260309959462381606583092874240x
◀ 91343852520619918924763201366185758480x	▶ 91343852520619918924763201366185758480x
◀ 18268770504123937849532402733371517680x	▶ 18268770504123937849532402733371517680x
◀ 36537541008247875699064805466743035360x	▶ 36537541008247875699064805466743035360x
◀ 73075082016495751398129601093486070720x	▶ 73075082016495751398129601093486070720x
◀ 146150164032915502796259202186972141440x	▶ 146150164032915502796259202186972141440x
◀ 292300328065831005592518404373944282880x	▶ 292300328065831005592518404373944282880x
◀ 58460065613166201118503680874788856560x	▶ 58460065613166201118503680874788856560x
◀ 116920131263324022270073601749577713120x	▶ 116920131263324022270073601749577713120x
◀ 233840262526648044540147203498155426240x	▶ 233840262526648044540147203498155426240x
◀ 467680525053296089080294406996310852480x	▶ 467680525053296089080294406996310852480x
◀ 935361050106592178160588813992621704960x	▶ 935361050106592178160588813992621704960x
◀ 187072210021318435632117762798524340960x	▶ 187072210021318435632117762798524340960x
◀ 374144420042636871264235525597048681920x	▶ 374144420042636871264235525597048681920x
◀ 748288840085273742528471051194097363840x	▶ 748288840085273742528471

# Disc Playback

DVD CD MP3

1

Press **◀▶▶** button.

- Each time the button is pressed during playback, the playback speed changes as follows:

◀ 2x	▶ 2x
◀ 4x	▶ 4x
◀ 8x	▶ 8x
◀ 32x	▶ 32x
◀ 64x	▶ 64x
◀ 128x	▶ 128x
◀ 256x	▶ 256x
◀ 512x	▶ 512x
◀ 1024x	▶ 1024x
◀ 2048x	▶ 2048x
◀ 4096x	▶ 4096x
◀ 8192x	▶ 8192x
◀ 16384x	▶ 16384x
◀ 32768x	▶ 32768x
◀ 65536x	▶ 65536x
◀ 131072x	▶ 131072x
◀ 262144x	▶ 262144x
◀ 524288x	▶ 524288x
◀ 1048576x	▶ 1048576x
◀ 2097152x	▶ 2097152x
◀ 4194304x	▶ 4194304x
◀ 8388608x	▶ 8388608x
◀ 16777216x	▶ 16777216x
◀ 33554432x	▶ 33554432x
◀ 67108864x	▶ 67108864x
◀ 134217728x	▶ 134217728x
◀ 268435456x	▶ 268435456x
◀ 536870912x	▶ 536870912x
◀ 1073741824x	▶ 1073741824x
◀ 2147483648x	▶ 2147483648x
◀ 4294967296x	▶ 4294967296x
◀ 8589934592x	▶ 8589934592x
◀ 17179869184x	▶ 17179869184x
◀ 34359738368x	▶ 34359738368x
◀ 68719476736x	▶ 68719476736x
◀ 137438953472x	▶ 137438953472x
◀ 274877906944x	▶ 274877906944x
◀ 549755813888x	▶ 549755813888x
◀ 1099511627776x	▶ 1099511627776x
◀ 2199023255552x	▶ 2199023255552x
◀ 4398046511104x	▶ 4398046511104x
◀ 8796093022208x	▶ 8796093022208x
◀ 17592186044416x	▶ 17592186044416x
◀ 35184372088832x	▶ 35184372088832x
◀ 70368744177664x	▶ 70368744177664x
◀ 140737488355328x	▶ 140737488355328x
◀ 281474976710656x	▶ 281474976710656x
◀ 562949953421312x	▶ 562949953421312x
◀ 112589990684264x	▶ 112589990684264x
◀ 225179981368528x	▶ 225179981368528x
◀ 450359962737056x	▶ 450359962737056x
◀ 900719925474112x	▶ 900719925474112x
◀ 180143985094824x	▶ 180143985094824x
◀ 360287970189648x	▶ 360287970189648x
◀ 720575940379296x	▶ 720575940379296x
◀ 1441151880758592x	▶ 1441151880758592x
◀ 2882303761517184x	▶ 2882303761517184x
◀ 5764607523034368x	▶ 5764607523034368x
◀ 11529215046068736x	▶ 11529215046068736x
◀ 23058430092137472x	▶ 23058430092137472x
◀ 46116860184274944x	▶ 46116860184274944x
◀ 92233720368549888x	▶ 92233720368549888x
◀ 18446744073709976x	▶ 18446744073709976x
◀ 36893488147419952x	▶ 36893488147419952x
◀ 73786976294839840x	▶ 73786976294839840x
◀ 147573952589679680x	▶ 147573952589679680x
◀ 295147905179359360x	▶ 295147905179359360x
◀ 590295810358718720x	▶ 590295810358718720x
◀ 1180591620717437440x	▶ 1180591620717437440x
◀ 2361183241434874880x	▶ 2361183241434874880x
◀ 4722366482869749760x	▶ 4722366482869749760x
◀ 9444732965739499520x	▶ 9444732965739499520x
◀ 18889465931478999040x	▶ 18889465931478999040x
◀ 37778931862957998080x	▶ 37778931862957998080x
◀ 75557863725915996160x	▶ 75557863725915996160x
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◀ 1208925819670719938560x	▶ 1208925819670719938560x
◀ 2417851639341439877120x	▶ 2417851639341439877120x
◀ 4835703278682879754240x	▶ 4835703278682879754240x
◀ 9671406557365759508480x	▶ 9671406557365759508480x
◀ 19342813114731519016960x	▶ 19342813114731519016960x
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◀ 531691199422193232909879064606720x	▶ 531691199422193232909879064606720x
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◀ 544451788208325868979720040557281280x	▶ 544451788208325868979720040557281280x
◀ 108890357641661737895940081114562560x	▶ 108890357641661737895940081114562560x
◀ 217780715283323475791880016229125120x	▶ 217780715283323475791880016229125120x
◀ 435561430566646951583760032458250240x	▶ 435561430566646951583760032458250240x
◀ 871122861133293903167520064916500480x	▶ 871122861133293903167520064916500480x
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◀ 348449144453317561267008025966401920x	▶ 348449144453317561267008025966401920x
◀ 696898288906635122534016051932803840x	▶ 696898288906635122534016051932803840x
◀ 1393796577813270245068032019865607680x	▶ 1393796577813270245068032019865607680x
◀ 2787593155626540490136064039731215360x	▶ 2787593155626540490136064039731215360x
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◀ 44601490490240647842170240635799445760x	▶ 44601490490240647842170240635799445760x
◀ 89202980980481295684340480131558891520x	▶ 89202980980481295684340480131558891520x
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◀ 356811923921925822737361920526235566080x	▶ 356811923921925822737361920526235566080x
◀ 713623847843851645474723840105311112160x	▶ 713623847843851645474723840105311112160x
◀ 142724769568770329094946768021062224320x	▶ 142724769568770329094946768021062224320x
◀ 285449539137540658189893536042124448640x	▶ 285449539137540658189893536042124448640x
◀ 570899078275081316379787072084248897280x	▶ 570899078275081316379787072084248897280x
◀ 1141798156501162632759541441688497744560x	▶ 1141798156501162632759541441688497744560x
◀ 2283596313002325265519082883377955489120x	▶ 2283596313002325265519082883377955489120x
◀ 4567192626004650531038165766755911368240x	▶ 4567192626004650531038165766755911368240x
◀ 9134385252009301062076321533511822736480x	▶ 9134385252009301062076321533511822736480x
◀ 18268770504018602124152643067023645472960x	▶ 18268770504018602124152643067023645472960x
◀ 36537541008037204248305286134047290945920x	▶ 36537541008037204248305286134047290945920x
◀ 73075082016074408496610572268094581891840x	▶ 73075082016074408496610572268094581891840x
◀ 14615016403214881699321144536018916383680x	▶ 14615016403214881699321144536018916383680x
◀ 29230032806429763398642289072037832767360x	▶ 29230032806429763398642289072037832767360x
◀ 58460065612859526797284578144075665534720x	▶ 58460065612859526797284578144075665534720x
◀ 11692013125611905394568955628815133069440x	▶ 11692013125611905394568955628815133069440x
◀ 23384026251223810789137911257630266613880x	▶ 23384026251223810789137911257630266613880x
◀ 46768052502447621578275822515260533237760x	▶ 46768052502447621578275822515260533237760x
◀ 93536105004895243156551645030521066675520x	▶ 93536105004895243156551645030521066675520x
◀ 18707221009790488631303329006054202135040x	▶ 18707221009790488631303329006054202135040x
◀ 37414442019580817262606658012058404	

# Disc Playback

DVD CD MP3

1

Press **◀▶▶** button.

- Each time the button is pressed during playback, the playback speed changes as follows:

◀ 2x	▶ 2x
◀ 4x	▶ 4x
◀ 8x	▶ 8x
◀ 32x	▶ 32x
◀ 64x	▶ 64x
◀ 128x	▶ 128x
◀ 256x	▶ 256x
◀ 512x	▶ 512x
◀ 1024x	▶ 1024x
◀ 2048x	▶ 2048x
◀ 4096x	▶ 4096x
◀ 8192x	▶ 8192x
◀ 16384x	▶ 16384x
◀ 32768x	▶ 32768x
◀ 65536x	▶ 65536x
◀ 131072x	▶ 131072x
◀ 262144x	▶ 262144x
◀ 524288x	▶ 524288x
◀ 1048576x	▶ 1048576x
◀ 2097152x	▶ 2097152x
◀ 4194304x	▶ 4194304x
◀ 8388608x	▶ 8388608x
◀ 16777216x	▶ 16777216x
◀ 33554432x	▶ 33554432x
◀ 67108864x	▶ 67108864x
◀ 134217728x	▶ 134217728x
◀ 268435456x	▶ 268435456x
◀ 536870912x	▶ 536870912x
◀ 1073741824x	▶ 1073741824x
◀ 2147483648x	▶ 2147483648x
◀ 4294967296x	▶ 4294967296x
◀ 8589934592x	▶ 8589934592x
◀ 17179869184x	▶ 17179869184x
◀ 34359738368x	▶ 34359738368x
◀ 68719476736x	▶ 68719476736x
◀ 137438953472x	▶ 137438953472x
◀ 274877906944x	▶ 274877906944x
◀ 549755813888x	▶ 549755813888x
◀ 1099511627776x	▶ 1099511627776x
◀ 2199023255552x	▶ 2199023255552x
◀ 4398046511104x	▶ 4398046511104x
◀ 8796093022208x	▶ 8796093022208x
◀ 17592186044416x	▶ 17592186044416x
◀ 35184372088832x	▶ 35184372088832x
◀ 70368744177664x	▶ 70368744177664x
◀ 140737488355328x	▶ 140737488355328x
◀ 281474976710656x	▶ 281474976710656x
◀ 562949953421312x	▶ 562949953421312x
◀ 112589990684264x	▶ 112589990684264x
◀ 225179981368528x	▶ 225179981368528x
◀ 450359962737056x	▶ 450359962737056x
◀ 900719925474112x	▶ 900719925474112x
◀ 180143985094824x	▶ 180143985094824x
◀ 360287970189648x	▶ 360287970189648x
◀ 720575940379296x	▶ 720575940379296x
◀ 1441151880758592x	▶ 1441151880758592x
◀ 2882303761517184x	▶ 2882303761517184x
◀ 5764607523034368x	▶ 5764607523034368x
◀ 11529215046068736x	▶ 11529215046068736x
◀ 23058430092137472x	▶ 23058430092137472x
◀ 46116860184274944x	▶ 46116860184274944x
◀ 92233720368549888x	▶ 92233720368549888x
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◀ 36893488147419952x	▶ 36893488147419952x
◀ 73786976294839840x	▶ 73786976294839840x
◀ 147573952589679680x	▶ 147573952589679680x
◀ 295147905179359360x	▶ 295147905179359360x
◀ 590295810358718720x	▶ 590295810358718720x
◀ 1180591620717437440x	▶ 1180591620717437440x
◀ 2361183241434874880x	▶ 2361183241434874880x
◀ 4722366482869749760x	▶ 4722366482869749760x
◀ 9444732965739499520x	▶ 9444732965739499520x
◀ 18889465931478999040x	▶ 18889465931478999040x
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◀ 75557863725915996160x	▶ 75557863725915996160x
◀ 151115727458839992320x	▶ 151115727458839992320x
◀ 302231454917679984640x	▶ 302231454917679984640x
◀ 604462909835359969280x	▶ 604462909835359969280x
◀ 1208925819670719938560x	▶ 1208925819670719938560x
◀ 2417851639341439877120x	▶ 2417851639341439877120x
◀ 4835703278682879754240x	▶ 4835703278682879754240x
◀ 9671406557365759508480x	▶ 9671406557365759508480x
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◀ 77371252458926076067840x	▶ 77371252458926076067840x
◀ 154742504917852152135680x	▶ 154742504917852152135680x
◀ 309485009835704304271360x	▶ 309485009835704304271360x
◀ 618970019671408608542720x	▶ 618970019671408608542720x
◀ 1237940039342817217085440x	▶ 1237940039342817217085440x
◀ 2475880078685634434170880x	▶ 2475880078685634434170880x
◀ 4951760157371268868341760x	▶ 4951760157371268868341760x
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◀ 850705919075509172655722161049600x	▶ 850705919075509172655722161049600x
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◀ 2230074524501232391430916617856691200x	▶ 2230074524501232391430916617856691200x
◀ 4460149049002464782861833235713382400x	▶ 4460149049002464782861833235713382400x
◀ 8920298098004929565723666471426764800x	▶ 8920298098004929565723666471426764800x
◀ 17840596196009859131447332942855329600x	▶ 17840596196009859131447332942855329600x
◀ 35681192392019718262894665885710659200x	▶ 35681192392019718262894665885710659200x
◀ 71362384784039436525789331771421318400x	▶ 71362384784039436525789331771421318400x
◀ 142724769568078873051578663542842636800x	▶ 142724769568078873051578663542842636800x
◀ 285449539136157746103157331088565273600x	▶ 285449539136157746103157331088565273600x
◀ 570899078272315492206314662177130547200x	▶ 570899078272315492206314662177130547200x
◀ 1141798156546230984012693324354260594400x	▶ 1141798156546230984012693324354260594400x
◀ 2283596313092461968025386648708521188800x	▶ 2283596313092461968025386648708521188800x
◀ 4567192626184923936050773397417042377600x	▶ 4567192626184923936050773397417042377600x
◀ 9134385252369847872101546794834084755200x	▶ 9134385252369847872101546794834084755200x
◀ 1826877050473969574220341358966816904000x	▶ 1826877050473969574220341358966816904000x
◀ 3653754100947939148440682717933633388000x	▶ 3653754100947939148440682717933633388000x
◀ 7307508201895878296881365435867266776000x	▶ 7307508201895878296881365435867266776000x
◀ 1461501640371775659376273087173453352000x	▶ 1461501640371775659376273087173453352000x
◀ 2923003280743551318752546174346866704000x	▶ 2923003280743551318752546174346866704000x
◀ 5846006561487102637505092348693733408000x	▶ 5846006561487102637505092348693733408000x
◀ 11692013122941405270025184693874667152000x	▶ 11692013122941405270025184693874667152000x
◀ 2338402624588280254005036938774333400000x	▶ 2338402624588280254005036938774333400000x
◀ 4676805249176560508010073877548666800000x	▶ 4676805249176560508010073877548666800000x
◀ 9353610498353120216020147755097333200000x	▶ 9353610498353120216020147755097333200000x
◀ 18707220976706240432040295509746666400000x	▶ 18707220976706240432040295509746666400000x
◀ 37414441953412480864080591019493332800000x	▶ 37414441953412480864080591019493332800000x
◀ 74828883906	

# Setting the Language

OSD language is set to English by default.

1 In stop mode, Press **MENU** button.



2 Press Cursor **▼** button to move to 'Setup' and then press **ENTER** button.



3 Press **ENTER** button.



4 Press Cursor **▲, ▼** button to select the desired item and then press **ENTER** button.



5 Press Cursor **▲, ▼** button to select the desired language and then press **ENTER** button.

- Once the setup is complete, if the language was set to English, OSD will be displayed in English.



Selecting the OSD Language



Selecting the Audio Language (recorded on the disc)



Selecting the Subtitle Language (recorded on the disc)

## Note

- To select other language, select OTHER and enter the language code of your country.  
(See page 38 for language code of countries)
- AUDIO, SUB TITLE and DISC MENU language can be selected.



Selecting the Disc Menu Language (recorded on the disc)

- If the language you selected is not recorded on the disc, menu language will not change even if you set it to your desired language.

Press  **MENU** or  **EXIT** button to exit the setup screen.

# Language Code List

Enter the appropriate code number for the initial settings "Disc Audio", "Disc Subtitle" and/or "Disc Menu" (See page 37).

Code	Language	Code	Language	Code	Language	Code	Language
1027	Afar	1181	Frisian	1334	Latvian, Lettish	1506	Slovenian
1028	Abkhazian	1183	Irish	1345	Malagasy	1507	Samoan
1032	Afrikaans	1186	Scots Gaelic	1347	Maori	1508	Shona
1039	Amharic	1194	Galician	1349	Macedonian	1509	Somali
1044	Arabic	1196	Guarani	1350	Malayalam	1511	Albanian
1045	Assamese	1203	Gujarati	1352	Mongolian	1512	Serbian
1051	Aymara	1209	Hausa	1353	Moldavian	1513	Siswati
1052	Azerbaijani	1217	Hindi	1356	Marathi	1514	Sesotho
1053	Bashkir	1226	Croatian	1357	Malay	1515	Sundanese
1057	Byelorussian	1229	Hungarian	1358	Maltese	1516	Swedish
1059	Bulgarian	1233	Armenian	1363	Burmese	1517	Swahili
1060	Bihari	1235	Interlingua	1365	Nauru	1521	Tamil
1069	Bislama	1239	Interlingue	1369	Nepali	1525	Tegulu
1066	Bengali; Bangla	1245	Inupiak	1376	Dutch	1527	Tajik
1067	Tibetan	1248	Indonesian	1379	Norwegian	1528	Thai
1070	Breton	1253	Icelandic	1393	Occitan	1529	Tigrinya
1079	Catalan	1254	Italian	1403	(Afan) Oromo	1531	Turkmen
1093	Corsican	1257	Hebrew	1408	Oriya	1532	Tagalog
1097	Czech	1261	Japanese	1417	Punjabi	1534	Setswana
1103	Welsh	1269	Yiddish	1428	Polish	1535	Tonga
1105	Danish	1283	Javanese	1435	Pashto, Pashto	1538	Turkish
1109	German	1287	Georgian	1436	Portuguese	1539	Tsonga
1130	Bhutani	1297	Kazakh	1463	Quechua	1540	Tatar
1142	Greek	1298	Greenlandic	1481	Rhaeto-Romance	1543	Twi
1144	English	1299	Cambodian	1482	Kirundi	1557	Ukrainian
1145	Esperanto	1300	Kannada	1483	Romanian	1564	Urdu
1149	Spanish	1301	Korean	1489	Russian	1572	Uzbek
1150	Estonian	1305	Kashmiri	1491	Kinyarwanda	1581	Vietnamese
1151	Basque	1307	Kurdish	1495	Sanskrit	1587	Volapuk
1157	Persian	1311	Kirghiz	1498	Sindhi	1613	Wolof
1165	Finnish	1313	Latin	1501	Sangro	1632	Xhosa
1166	Fiji	1326	Lingala	1502	Serbo-Croatian	1665	Yoruba
1171	Faeroese	1327	Laotian	1503	Singhalese	1684	Chinese
1174	French	1332	Lithuanian	1505	Slovak	1697	Zulu







# Setting the Speaker Mode

Signal outputs and frequency responses from the speakers will automatically be adjusted according to your speaker configuration and whether certain speakers are used or not.

**1** In Stop mode, press  **MENU** button.



**2** Press Cursor **▼** button to move to 'Audio' and then press **ENTER** button.



**3** In the Speaker Setup, press the **ENTER** button again.



**4** Press Cursor **▲, ▼, ▲, ▼** buttons to move to the desired speaker and then press **ENTER** button.

- For C,SL, and SR, each time the button is pressed, the mode switches alternately as follows: SMALL → NONE.
- For L and R, the mode is set to SMALL.



**SMALL** : Select this when using the speakers.

**NONE** : Select this when no speakers are installed.

**Note**

- Although Center CH can toggle between SMALL and NONE,it is not relevant to speaker settings be signals are distributed to FRONT L-CH and R-CH by creating a virtual Center CH.(Default setting is SMALL).
- SPEAKER SETUP ---Available only in DVD.



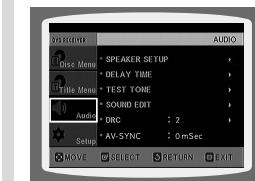
# Setting the Test Tone

Press the Test Tone to check the speaker connections and to adjust the speaker levels.

**1** In Stop mode, press  **MENU** button.



**2** Press Cursor **▼** button to move to 'TEST TONE' and then press **ENTER** button.



**3** Press Cursor **▼** button to move to 'TEST TONE' and then press **ENTER** button.

- The test tone will be sent to L → C → R → SR → SL → SW in that order. If the **ENTER** button is pressed again at this time, the test tone will stop.



**Note**

- The test tone function is not available while HDMI AUDIO ON.

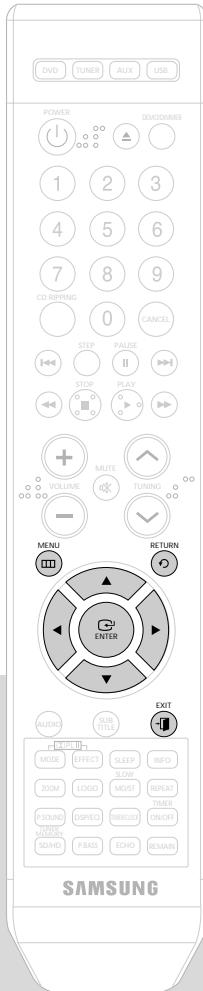
Press **RETURN** button to return to the previous level.

Press  **MENU** button to exit the setup screen.

Press  **EXIT** button to exit the setup screen.

# Setting the Delay Time

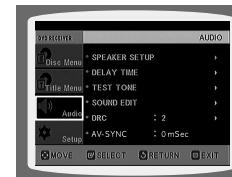
If the speakers cannot be placed at equal distances from the listening position, you can adjust the delay time of the audio signals from the rear speakers.



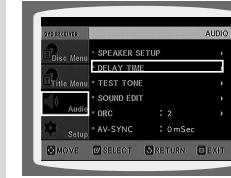
**1** In Stop mode, press  **MENU** button.



**2** Press Cursor **▼** button to move to 'Audio' and then press **ENTER** button.



**3** Press Cursor **▼** button to move to 'DELAY TIME' and then press **ENTER** button.



**4** Press Cursor **▲, ▼, ▲, ▼** buttons to move to the desired speaker and then press **ENTER** button.



**5** Press Cursor **◀, ▶** to set the Delay time.

- You can set the delay time for C between 00 and 05mSEC and for LS and RS between 00 and 15mSEC.



## Setting up the Speaker Delay Time

When 5.1CH Surround Sound is played, you can enjoy the best sound if the distance between you and each speaker is the same. Since the sounds arrive at the listening position at different times depending on the placement of speakers, you can adjust this difference by adding a delay effect to the sound of the Center Speaker and Surround Speakers.

### Note

- With **DPL II** (Dolby Pro Logic II), the delay time may be different for each mode.
- With AC-3 and DTS, the delay time can be set between 00 and 15mSEC.

### • Setting CENTER SPEAKER

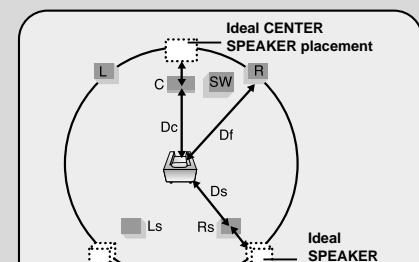
If the distance of Dc is equal to or longer than the distance of Df in the figure, set the mode as 0ms. Otherwise, change the setting according to the table.

Distance between Df and Dc	Delay Time
0.00 m	0 ms
0.34 m	1 ms
0.68 m	2 ms
1.02 m	3 ms
1.36 m	4 ms
1.70 m	5 ms

### • Setting REAR ( ) SPEAKERS

If the distance of Df is equal to the distance of Ds in the figure, set the mode as 0ms. Otherwise, change the setting according to the table.

Distance between Df and Ds	Delay Time
0.00 m	0 ms
1.02 m	3 ms
2.04 m	6 ms
3.06 m	9 ms
4.08 m	12 ms
5.10 m	15 ms



It is desirable to place all speakers within this circle.

Df: The distance from FRONT SPEAKER  
Dc: The distance from CENTER SPEAKER  
Ds: The distance from SURROUND SPEAKER







## Dolby Pro Logic II Mode

You can select the desired Dolby Pro Logic II audio mode.

### 1 Press the **PL II MODE** button.

Each time the button is pressed, the mode changes as follows.

MUSIC → CINEMA → PRO LOGIC → MATRIX  
→ STEREO

#### PRO LOGIC II

- MUSIC: When listening to music, you can experience sound effects as if you are listening to the actual performance.
- CINEMA : Adds realism to the movie soundtrack.
- PRO LOGIC : You will experience a realistic multi-channel effect, as if using five speakers, while using just the front left and right speakers.
- MATRIX : You will hear 5.1 channel surround sound.
- STEREO : Select this to listen to sound from the front left and right speakers and the subwoofer only.



- When selecting Pro Logic II mode, connect your external device to the AUDIO INPUT jacks (L and R) on the player. If you connect to only one of the inputs (L or R), you cannot listen to surround sound.



## Dolby Pro Logic II Effect

This function works only in Dolby Pro Logic MUSIC mode.

### 1 Press the **PL II MODE** button to select <MUSIC> mode.

### 2 Press the **PL II EFFECT** button to select <PANORAMA>, then press the Cursor **◀, ▶** buttons to select the desired effect setting.

- You can select either 0 or 1.
- This mode extends the front stereo image to include the surround speakers for an exciting "wraparound" effect with side wall imaging.

### 3 Press the **PL II EFFECT** button to select <C-WIDTH>, then press the Cursor **◀, ▶** button to select the desired effect setting.

- You can select between 0 and 7.
- This sets the width of the center image. The higher the setting, the less sound comes from the center speaker.

### 4 Press the **PL II EFFECT** button to select <DIMENSION>, then press the Cursor **◀, ▶** button to select the desired setting

- You can select between 0 and 6.
- Incrementally adjusts the sound field (DSP) from the front or rear.



- When playing a DVD disc encoded with two or more channels, multi-channel mode will be selected automatically and the **PL II** (Dolby Pro Logic II) button does not work.





# POWER SOUND / POWER BASS / DSP/EQ Function



Your mini-compact system is equipped with the function of Power Sound.

The function of Power Sound amplifies bass and improves high key or bass twice as much for you to appreciate powerful real sound.

 Press the **P.SOUND** button

**Result:** "P.SOUND" is displayed and "P.SOUND" is displayed for a few seconds.

To cancel this function, press **P.SOUND** again, "PASS" is displayed for a few seconds, and P.SOUND disappears.

➤ When CD Ripping, the P.SOUND function can't work and the P.SOUND automatically covert to "OFF" mode.

Your mini-compact system has a bass amplification function called SBS (Super Bass Sound). This function makes the sound more powerful and real.

 Press the **P.BASS** button.

**Result:** BASS is displayed and "P. BASS" is displayed for a few seconds.

To cancel this function, press **P.BASS** again, "OFF" is displayed for a few seconds.

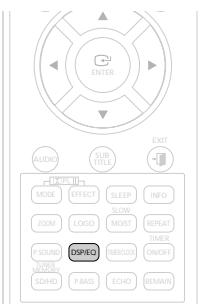
➤ When CD Ripping, the P.BASS function can't work and the P.BASS automatically covert to "OFF" mode.

 Press **DSP/EQ** on the remote control until the required option is selected.

Your mini-compact system is equipped with a preset equalizer that allows you to choose the most appropriate balance between treble and bass frequencies, according to the type of music you are listening to.

To obtain a...	Select...
Normal balance (linear)	PASS
Balance suitable for pop music	POP
Balance suitable for jazz music	JAZZ
Balance suitable for rock music	ROCK
Balance suitable for studio	STUDIO
Balance suitable for club	CLUB
Balance suitable for hall	HALL
Balance suitable for movie	MOVIE
Balance suitable for church	CHUR CH

➤ When CD Ripping, the DSP/EQ function can't work and the DSP/EQ automatically covert to "PASS" mode.



# CD RIPPING Function

You can rip a compact disc as a MP3 file on the USB. This feature enables you to rippling with the start of the disc or track of your choice.

**1** Switch the system on by pressing **STANDBY/ON**.

**2** Connect the USB.

**3** Load a compact disc(Digital Audio).

◆ Press the **OPEN/CLOSE** button (▲) to open the disc tray.

◆ Insert a CD and press the **OPEN/CLOSE** button (▲) to close the disc tray.

◆ Use the CD selection (I<,>I) buttons to select the desired song.

**4** Press **CD RIPPING** button on remote control to starting ripping.

- ◆ If the system is either at pause or playing state, turn the **CD RIPPING** dial down or press **CD RIPPING** button on the remote control to start the ripping for the current track.
- ◆ Turn **CD RIPPING** dial up or press and hold **CD RIPPING** button on the remote control to start ripping the all tracks of Disc.
- ◆ "CD Ripping" is displayed in red and **CD RIPPING** starts.
- ◆ During CD ripping, do not disconnect USB device.

**5** To stop ripping, press **STOP** □ button and then automatically create and save as the MP3 file.

After CD-Ripping, a directory named "RIPPING" will be created in your device. The filename follows the format: "SAM\_XXXX".MP3.

## Note

◆ Don't disconnected USB and AC Cord during CD-Ripping. This may cause the file damage. If you want to stop CD-Ripping during CD-Ripping, you must press stop Key first and after the CD Stopped, then you can remove the USB device.

◆ If you disconnected USB device when CD Ripping, the main unit will be power off and you may not delete the ripped file. In this case, please connect the USB on the PC and backup the USB data on the PC first and then format the USB device.

◆ On the CD playing, connect the USB, the CD play will be paused and will resume playing till the USB initialization finished.

◆ According the different USB, the initialization time maybe different.

◆ When the USB memory is not enough, it will be displayed "NOT ENOUGH MEMORY" ◆ DTS-CD can't for CD Ripping.

◆ Starting CD ripping within 5 seconds can't create the CD Ripping file.

◆ Ripping file is only created when CD Ripping is stopped after 5 seconds(ex. SAM\_0001.MP3).

◆ With external HDD, FAT format the USB can be CD Ripping, but not NTFS. The CD Ripping function of this product does not support all USB devices.

◆ When you use CD high speed search function, the CD Ripping can't work.

◆ When CD Ripping, CD audio can't be out.

◆ During CD Ripping, do not deal impact. If is shocked while CD Ripping, CD Ripping maybe disengage.

◆ Sometimes, some of USB devices, CD Ripping time is long.

◆ If you use scratched disc for CD Ripping, or connect/disconnect HDMI cable during CD Ripping, there might be some noise and broken sound on ripped file.

◆ When HDMI audio on, the CD RIPPING can't work.



## CD Ripping Feature Supported Player

Product	Company	Type
YP-T8	Samsung	MP3 Player
YP-T7F	Samsung	MP3 Player
YP-D1	Samsung	MP3 Player
YP-T8N	Samsung	MP3 Player
YP-U2	Samsung	MP3 Player
YP-T9	Samsung	MP3 Player
YP-K5	Samsung	MP3 Player
YP-K3	Samsung	MP3 Player
YV-150	Samsung	MP3 Player
YP-U3	Samsung	MP3 Player





**Refer to the chart below when this unit does not function properly.**

listed below or if the instruction below does not help, turn off the unit, disconnect the power cord, and contact the nearest authorized dealer or Samsung Electronics Service Center.



# Specifications

GENERAL	Power Consumption	110 W		
	Weight	5.1 Kg		
	Dimensions (W x H x D)	360 x 150 x 340 mm		
	Operating Temperature Range	+5 °C~+35 °C		
	Operating Humidity Range	10 % ~ 75 %		
FM TUNER	Usable Sensitivity	10 dB		
	S/N Ratio	60 dB		
	Distortion	0.5 %		
VIDEO OUTPUT	Composite Video	1.0 Vp-p(75 Ω load)		
		Y:1.0 Vp-p(75 Ω load)		
	Component Video	Pr:0.70 Vp-p(75 Ω load)		
		Pb:0.70 Vp-p(75 Ω load)		
AMPLIFIER	HDMI	Impedance: 85~115 Ω		
	Front speaker output	260 W x 2(4 Ω)		
	Center speaker output	130 W(4 Ω)		
	Rear speaker output	130 W x 2(4 Ω)		
	Subwoofer speaker output	160 W(3 Ω)		
	Frequency range	20 Hz~20 KHz		
	S/N Ratio	70 dB		
	Channel separation	50 dB		
SPEAKER	Input sensitivity	(AUX)500 mV		
	Speaker system	5.1ch speaker system		
		Front speaker	Center/Rear speaker	Subwoofer speaker
	Impedance	4 Ω	4 Ω	3 Ω
	Frequency range	140 Hz~20 kHz	140 Hz~20 kHz	35 Hz~160 Hz
	Output sound pressure level	88 dB	88 dB	90 dB
	Rated input	260 W	130 W	160 W
	Maximum input	520 W	260 W	320 W
	Dimensions (W x H x D)	Front/Rear	220 x 355 x 286 mm	270 x 400 x 286 mm
		Center	360 x 95.5 x 330 mm	
Weights	Front/Rear	Front: 4.2 Kg, Rear: 3.9 Kg	6.5 Kg	
	Center	2.1 Kg		

## USB Host Feature Supported Products

ENG

### DIGITAL CAMERA

Product	Company	Type	Product	Company	Type
Finepix-A340	Fuji	Digital Camera	U300	Olympus	Digital Camera
Finepix-F810	Fuji	Digital Camera	X-350	Olympus	Digital Camera
Finepix-F610	Fuji	Digital Camera	C-760	Olympus	Digital Camera
Finepix-F450	Fuji	Digital Camera	C-5060	Olympus	Digital Camera
Finepix S7000	Fuji	Digital Camera	X1	Olympus	Digital Camera
Finepix A310	Fuji	Digital Camera	U-mini	Olympus	Digital Camera
KD-310Z	Konica	Digital Camera	Lumix-FZ20	Panasonic	Digital Camera
Finecam SL300R	Kyocera	Digital Camera	DMC-FX7D	Panasonic	Digital Camera
Finecam SL400R	Kyocera	Digital Camera	Lumix LC33	Panasonic	Digital Camera
Finecam SSR	Kyocera	Digital Camera	LUMIX DMC-F1	Panasonic	Digital Camera
Finecam Xt	Kyocera	Digital Camera	Optio-S40	Pentax	Digital Camera
Dimage-Z1	Minolta	Digital Camera	Optio-S50	Pentax	Digital Camera
Dimage Z1	Minolta	Digital Camera	Optio 33LF	Pentax	Digital Camera
Dimage X21	Minolta	Digital Camera	Optio MX	Pentax	Digital Camera
Coolpix4200	Nikon	Digital Camera	Digimax-420	Samsung	Digital Camera
Coolpix4300	Nikon	Digital Camera	Digimax-400	Samsung	Digital Camera
Coolpix 2200	Nikon	Digital Camera	Sora PDR-T30	Toshiba	Digital Camera
Coolpix 3500	Nikon	Digital Camera	Coolpix 5900	Nikon	Digital Camera
Coolpix 3700	Nikon	Digital Camera	Coolpix S1	Nikon	Digital Camera
Coolpix 4100	Nikon	Digital Camera	Coolpix 7600	Nikon	Digital Camera
Coolpix 5200	Nikon	Digital Camera	DMC-FX7	Panasonic	Digital Camera
Stylus 410 digital	Olympus	Digital Camera	Dimage Xt	Minolta	Digital Camera
300-digital	Olympus	Digital Camera	AZ-1	Olympus	Digital Camera
300-digital	Olympus	Digital Camera			Digital Camera

### USB FLASH DISC

Product	Company	Type	Product	Company	Type
Cruzer Micro	Sandisk	USB 2.0 USB Flash Drive 128M	XTICK	LG	USB 2.0 128M
Cruzer Mini	Sandisk	USB 2.0 128M	Micro Mini	Iomega	USB 2.0 128M
Cruzer Mini	Sandisk	USB 2.0 256M	iFlash	Imation	USB 2.0 64M
SONY Micro Vault	Sony	USB 2.0 64MB	LG	XTICK(M)	USB 2.0 64M
FLEX DRIVE	Serotech	USB 2.0 32MB	RiDATA	EZDrive	USB 2.0 64M
AnyDrive	A.L. tech	USB 2.0 128MB			

### MP3 PLAYER

Product	Company	Type	Product	Company	Type
Creative MuVo NX128M	Creative	128 MB MP3 Player	YP-780	Samsung	MP3 Player
Iriver H320	Iriver	20G HDD MP3 Player	YP-35	Samsung	MP3 Player
YH-920	Samsung	20G HDD MP3 Player	YP-55	Samsung	MP3 Player
YP-T7	Samsung	MP3 Player	iAUDIO U2	Cowon	MP3 Player
YP-MT6	Samsung	MP3 Player	iAUDIO G3	Cowon	MP3 Player
YP-T6	Samsung	MP3 Player	iAudio M3	Cowon	HDD MP3 Player
YP-53	Samsung	MP3 Player	SI-M500L	Sharp	256MB MP3 Player
YP-ST5	Samsung	MP3 Player	H10	Iriver	MP3 Player
YP-T5	Samsung	MP3 Player	YP-T5 VB	Samsung	MP3 Player
YP-60	Samsung	MP3 Player	YP-53	Samsung	256MB MP3 Player

MISCELLANEOUS

Refer to the troubleshooting chart below when this unit does not function properly.

listed below or if the instruction below does not help, turn off the unit, disconnect the power cord, and contact the nearest authorized dealer or Samsung Electronics Service Center.